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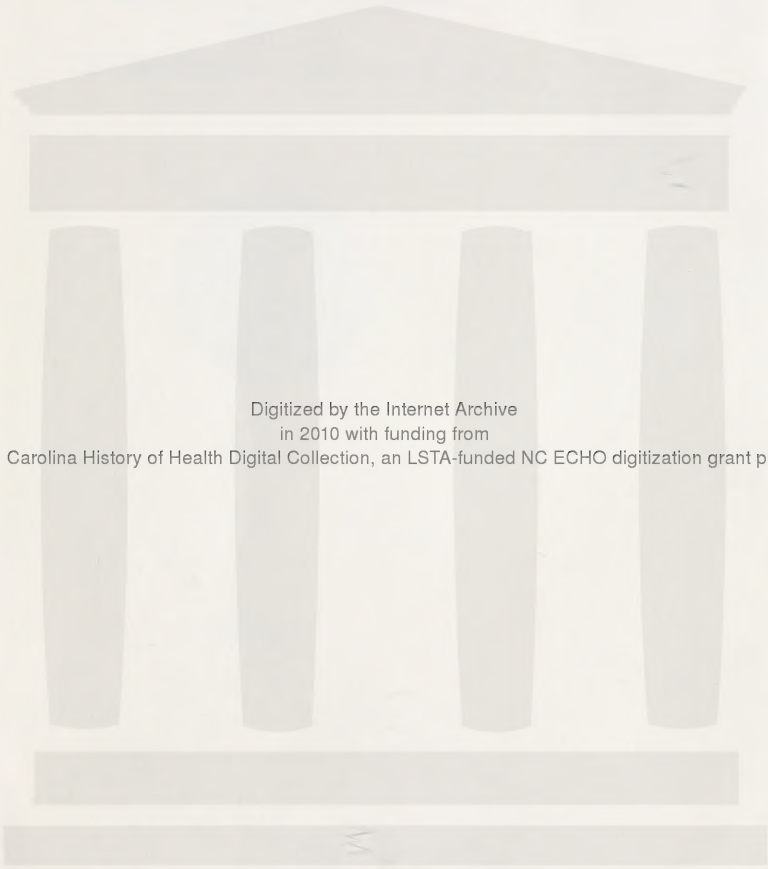

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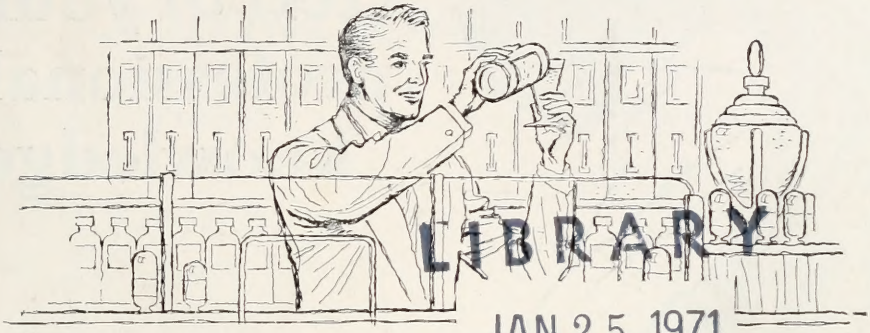
The Carolina JOURNAL OF PHARMACY

Volume LII Jan. 1971 Number 1



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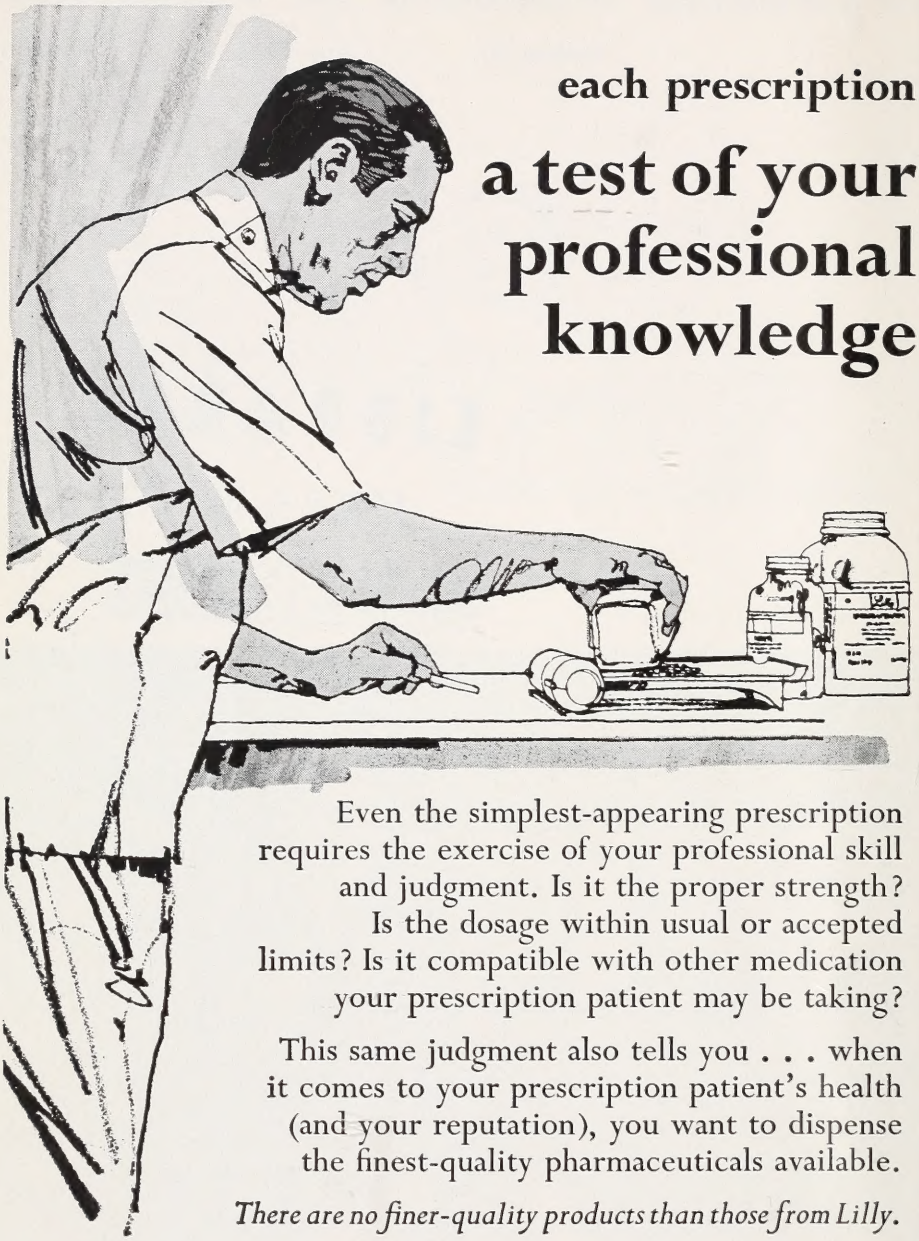
SCHOOL OF PHARMACY

Officers of the New Hanover County Pharmaceutical Society, are: Left to right, Franklin E. Williams, First Vice President; L. E. Hickmon, Second Vice President; Morris E. Merritt, President; and G. K. Harrington, Secretary-Treasurer.



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The Carolina JOURNAL OF PHARMACY

January, 1971

Vol. LII No. 1

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SKOLAUT, DIRECTOR OF PHARMACY SERVICES AT DUKE MEDICAL CENTER, DURHAM

Milton W. Skolaut, successor to I. T. Reamer, now retired, as Director of Pharmacy Service, Duke Medical Center, Durham, is a former chief of the Clinical Center Pharmacy at the National Institutes of Health in Bethesda, Maryland.

Mr. Skolaut has been associated with the Duke Medical Center for more than a year, first on special assignment, later (July 1, 1970) as Director of Pharmacy Services.

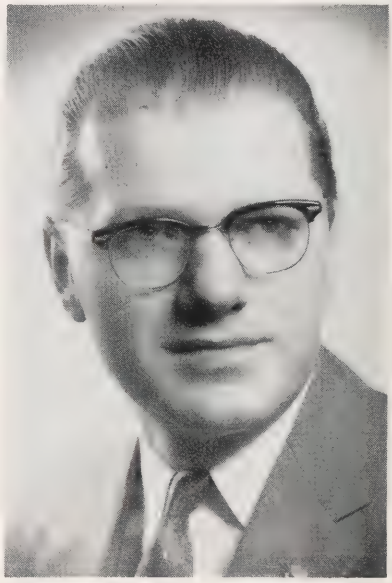
Skolaut retired from the Public Health Service Commissioned Corps in 1969 after 17 years as head of the NIH pharmacy department. He served as chief pharmacist at the PHS Hospital in Staten Island, N. Y., from 1949 to 1952.

While at NIH, Skolaut initiated a service for developing drug dosage forms and suitable assays for many investigational drugs, and also set up a radio-pharmaceutical service emphasizing product development and proper controls.

He also instituted many other packaging and administrative innovations to keep the NIH pharmacy in tune with new trends in medicine.

In 1963, Skolaut received the Geigy Pharmaceutical Company Leadership Award for his work in the field of hospital pharmacy and was named the 1967 recipient of the Andrew Craigie Award for "imaginative leadership in the science of pharmac in the federal service" from the Assoc ation of Military Surgeons.

He received a B. S. degree in pharmac from the University of Texas in 1941 an served his pharmacy internship at Th Johns Hopkins Hospital in Baltimore.



MILTON W. SKOLAUT

VENDOR PAYMENT—NORTH CAROLINA STATE DEPARTMENT OF SOCIAL SERVICES

	November		*July 1-Nov. 30*	
Service	*Occasions*	*Amount*	*Occasions*	*Amount*
Inpatient	74,911	$2,801,828.64	355,159	$12,469,410.21
Outpatient	22,180	325,848.83	101,560	1,467,505.31
Dental	25,340	731,900.40	107,111	2,856,585.26
Pharmacy	258,098	1,144,607.70	1,248,715	5,532,203.01
Physicians	101,530	1,336,512.88	453,309	5,953,249.59
Nursing Homes	111,588	1,298,370.74	534,159	6,155,611.75
Optical Supplies	4,572	120,821.74	27,750	716,982.64
Home Health	773	7,127.24	2,757	26,251.02
Total	598,992	$7,767,018.17	2,830,520	$35,177,798.79

ABBOTT TO ADD NEW $6 MILLION FACILITY TO MANUFACTURING COMPLEX IN ROCKY MOUNT

The Hospital Products Division of Abbott Laboratories has announced that a new $6 million ampoule and vial manufacturing facility will be constructed adjacent to the intravenous solutions manufacturing facility in Rocky Mount, North Carolina.

Manufactured under sterile conditions, ampoules and vials contain medications used most often by hospitals in conjunction with intravenous therapy, surgical procedures and nutritional deficiencies.

To be completed by 1973, the Rocky Mount expansion program will include new manufacturing and packaging equipment and about 100,000 square feet of new facilities. This will bring Abbott's total investment in plant facilities and equipment in Rocky Mount to almost $16 million. Abbott will eventually employ approximately 900 persons in Rocky Mount with an annual payroll of more than $4.5 million.

In addition to the two manufacturing facilities in Rocky Mount, Abbott Laboratories also produces intravenous fluid and blood administration equipment in a new $4.8 million plant located in Laurinburg, North Carolina. This plant began operation in the fall of 1970 and will eventually employ more than 650 persons.

Abbott officials, in making the announcement, stated that although most ampoule and vial manufacturing will eventually be in Rocky Mount, North Chicago personnel currently working in these departments will have an opportunity to utilize their skills within other departments of Abbott Laboratories.

FOR DEVOTED SERVICE

Mrs. Samuel Burrus of Canton has received a resolution from the American Legion Department of North Carolina in recognition of her late husband, Pharmacist Samuel Burrus, who served the Legion for 51 years "with a deep sense of loyalty and patriotism."

The pharmacy which Mr. Burrus was long associated—Martin's Drug Store—is today managed by his son, Brainard, a graduate of the UNC School of Pharmacy.

COTY TO BUILD MULTIMILLION DOLLAR PLANT IN SANFORD

The Coty Division of Pfizer has announced plans to build a multimillion dollar plant in Sanford.

The plant, to be located on a 270-acre site on U.S. 421 two miles south of Sanford, will employ 400 at peak production.

BENNETT ELECTED

Kelly E. Bennett of Bryson City, pharmacist-manager of Bryson City Drug Company, has been elected Coroner of Swain County.

A "Pharmacist of the Year," Mr. Bennett has served in numerous political posts, starting as a member of the North Carolina Senate in 1917.

"Yes, Sir, there is something you can do for me. . . . I'd like a copy of Carolina Journal of Pharmacy."

Finally

It isn't often that a product combines the best of two possible worlds—the effectiveness of a professional product with the elegance of a cosmetic specialty.

New SELSUN BLUE is a refreshing exception.

In double-blind clinical studies, it was shown to have greater overall effectiveness than two leading anti-dandruff preparations.*

Yet in every important way new SELSUN BLUE resembles a superior cosmetic shampoo. It lathers beautifully. It has a delightful fragrance. It leaves the hair soft, easy-to-manage.

Isn't this what a lot of your customers have been waiting for?

*Tested were a zinc pyrithione preparation and a product containing hexachlorophene, sulfur and salicylic acid.

007236

ABBOTT

PHARMACIST WINS J. B. ROERIG COMMUNITY PHARMACY SERVICE AWARD

Thomas Reeves Burgess, (left) of Laurel Springs, owner and operator of the B & T Pharmacy in Sparta, North Carolina, accepts the J. B. Roerig Community Pharmacy Service Award from J. Harris Fleming, Director of Trade Relations, Pfizer Pharmaceuticals.

The award is made by the J. B. Roerig Division of Pfizer Inc. to pharmacists who have contributed in an outstanding and significant way to the betterment of their communities. The winner was chosen from among candidates throughout the entire United States.

Some of Mr. Burgess' acts of unselfish service to his community have included talks on the subject of drug abuse and misuse three or four nights a week before various clubs and organizations, and provision of his services as a pharmacist, free of charge, for the local county hospital and in the past, as a consultant to the local nursing home and rest home. For the past year and a half, Mr. Burgess has also provided a medical and drug supply delivery service for Allegheny County—a service much appreciated by inhabitants of this rural area. He is also on the Moorehead Scholarship Committee for Allegheny County and has been instrumental in helping young men in that area obtain Moorehead scholarships for the coming school year.

Pfizer's J. B. Roerig Division plans to make the award to deserving pharmacists around the country on a continuing basis.

STATE BOARD OF PHARMACY

Members—David D. Claytor, Greensboro; Harold V. Day, Spruce Pine; C. E. Page, Jr., Henderson; Jesse M. Pike, Concord; W. H. Randall, Lillington; H. C. McAllister, Secy.-Treas., Box 471, Chapel Hill, N. C.

NEW PHARMACIES

(1) Eckerd Drugs, Rose Manor Shopping Center, Smithfield. A. Michael Costin, pharmacist-manager.

(2) Village Pharmacy, 709 South Van Buren Road, Eden. Harry L. Matthews, Jr., pharmacist-manager and owner.

ECKERD TO CLOSE WINSTON-SALEM STORE

Eckerd has closed its Winston-Salem downtown (420 North Trade Street) store. Division Manager John Rutledge said closing the store resulted from "changing traffic patterns."

RECIPROCITY

(1) Ronald Edward Del Castilho from Maryland

(2) Carl Lee String from Georgia

DRUG STORES CLOSED—1970

(1) Hollingsworth Drug Company, Mount Airy

(2) Hood's Pharmacy, Morganton

(3) Curtis Drug Store, Waynesville

(4) Lloyd's Drug Store, Garner

(5) Peoples Service Drug Store, Henderson

(6) Wynn Drug Store, Greensboro

(7) Kroger Family Center Pharmacy, Roanoke Rapids

(8) Smith Drug Store #2, Forest City

(9) Saunders Drug Store, Wilmington

(10) Cay Drug Store, Inc., Charlotte

(11) White Cross Drugs, Greenville

(12) Almand's Cherry Point Pharmacy, Havelock

(13) Kroger Family Center Pharmacy, Chapel Hill

(14) Burroughs Drugs, Ellerbe

(15) K & L Drug Store, Albemarle

(16) Eastwood Pharmacy, Charlotte

Note: Some of these stores have been merged with other operations and others have been opened under new ownership.

ECKERD OPENS IN MOBILE TRAILER

Eckerd Drugs, Inc. will open a prescription and drug service department in a mobile trailer in the Rose Manor Shopping Center on Highway 70 west of Smithfield.

The trailer is located in general area of a 10,000 square foot building now under construction for Eckerd.

CHANGE IN OWNERSHIP

Malone Drugs, 213 North Arendell Ave., Zebulon. John Malone, pharmacist-manager and owner.

WHITE CROSS BUYS GALAXY STORE

The Galaxy Drug Store, Rockingham, sold recently to Jack Eckerd Corporation of Florida, has been resold to White Cross Stores.

SCOTTIE BUYS OXFORD PHARMACY

The 75-year-old Herring & Williams Drug Store of Oxford, which at one time was operated by the late F. W. Hancock, has been acquired by Scottie Drugs.

E. S. Powell, who has operated the pharmacy for the past 19 years, will be associated with Scottie as pharmacist in a new store which the firm is opening in Oxford in a building adjacent to the Central Carolina Bank.

MALONE PURCHASES MORGAN DRUGS

George Morgan has sold Morgan Drugs, Zebulon, to John E. Malone, a pharmacist employee of the pharmacy since July, 1969.

A 1968 graduate of the UNC School of Pharmacy, Mr. Malone worked in Greensboro prior to moving to Zebulon. His internship work was with the Lynches in Dunn.

let's get down to "brass tacks"

We've got a long story to tell . . . but it would take 125 years to tell it.

The beginning would be in 1845, the year the Henry B. Gilpin Company was founded. Over the years, our primary concern has been to provide the most modern and complete services to you and to your business operation.

At the outset, our services were comparatively simple but complete. Today our services are not quite so simple but are *still* complete in every detail.

1. **An experienced, pharmacy oriented sales force** trained to assist you in merchandising and store operations. In addition to their own experience, these men are prepared to immediately draw upon a wealth of experience in every phase of store operations which exist within the Gilpin company now.
2. **A comprehensive and up-to-date convalescent aids program.** Professional assistance is available to design a program to meet your space and inventory requirements and train appropriate personnel in your store to make this a profitable department.
3. **A complete sundries program** providing sundries departments and inventories designed specifically for your store, with a built-in provision for economical and reliable restocking of your shelves. Along with this, we maintain expanding stocks of new promotional sundries and programs for increasing traffic and sales.
4. **A professional planning and remodeling service** within our organization which includes complete service in floor design, fixture and installation.
5. **Professional help in site selection,** store development and in lease acquisition for desirable sites.
6. **Computerized inventory and billing systems.** This modern computerization also makes possible a wide range of additional data services including regular issuance of individual monthly reports of DACA drugs showing quantities and dates on which they were submitted.
7. **A financial service consultant** to service you on request.
8. **Professional Services Department.** A professional services department which provides you with vital assistance in the form of direct services and/or consultation in areas including: Medicare, Medicaid, third party payment programs, pharmaceutical inventory control, federal and state regulations, and many other areas.
9. **Two giant product shows each year:** in January featuring summer goods; in July featuring selections of fall and gift merchandise and emphasizing promotional sundries.
10. **An Accounts Receivable program.** A computerized system that knows pharmacists. The program handles your charge accounts and gives your customers a monthly statement showing all their deductible medical expenses, both for the current month and for the year to date. It also provides a monthly report on the aging of your accounts in the summary.
11. **Professional advertising and promotional assistance.** Our specialists in this area now provide on-going advertising and promotional programs for many of our customers and are available to assist you in this increasingly important area of your operation. With complete stocks and complete lines of merchandise provided with it, we are well qualified to provide the services required to nail down the profit dollars which you need and deserve from your business.

Check the area of your particular interest or need on the coupon below and mail it to us or phone us. We'll arrange for Gilpin specialists to tailor the services which your particular interest or situation requires.

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City _____ **State** _____ **Zip** _____

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FIFTH ANNUAL PHARMACY SEMINAR

on

SOCIO-ECONOMIC ASPECTS OF PHARMACY PRACTICE

Wednesday, February 17, 1971

At The Institute of Pharmacy, Chapel Hill, N. C.

PROGRAM

9:00 a.m.—Registration and Coffee

9:20 a.m.—Greetings

9:30 a.m.—**The Pharmacist and Comprehensive Health Planning**
Mr. George M. Stockbridge, Director and Executive Secretary, Health Planning Council for Central North Carolina, Durham, N. C.

10:15 a.m.—**The Pharmacist, National Health Insurance and Third Party Drug Programs**
Dr. M. Keith Weikel, Director, Division of Health Evaluation, Department of Health, Education and Welfare, Washington, D. C.

11:00 a.m.—Break

11:15 a.m.—**Automating Vendor Drug Claims**
Mr. Joseph A. Higgins, Project Director of the Social Security Drug Task Force, Baltimore, Md.

12:15 p.m.—Lunch

1:15 p.m.—**Drug Utilization and the Pharmacist**
Mr. Fred M. Eckel, Assistant Professor of Hospital Pharmacy, UNC School of Pharmacy.

1:45 p.m.—**Drug Interactions and the Pharmacist**
Mr. Stephen M. Caiola, Director of Clinical Pharmacy Program, UNC School of Pharmacy.

2:15 p.m.—**Unit Dose Drug Distribution in the Nursing Home**
Mr. Henry K. Crawley, III, Assistant Director, Plan of Pharmacy Assistance, UNC School of Pharmacy.

2:45 p.m.—Questions

3:00 p.m.—Break

3:15 p.m.—**The Pharmacist's Opportunities in Convalescent Aids**
Mr. George Higgs, President, Homer Higgs Associates, Inc., Fairfield, N. J.

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Registration fee of $10.00 includes all materials and meals. To preregister, call either W. J. Smith (919-967-2237) or Claude U. Paoloni (919-966-1121).

Institutional Pharmacy Practice

by Maynard S. Newman

Hospital pharmacists are seeing an increased interest in the use of hyperalimentation parenteral therapy. Within the past decade major advances have been attained in the development of a high caloric high protein parenteral solution which not only yields weight gain, provides a positive nitrogen balance, but also allows adequate nutrition for patients who are unable to tolerate an oral diet. The most dramatic clinical work has been carried out by Dr. Stanley Dudrick and his co-workers at the University of Pennsylvania School of Medicine. In over 300 patients, they have been successful in sustaining life, achieving weight gain, and maintaining growth of injured tissues with the use of hyperalimentation solutions.[1, 2, 3] Dr. Filler and his associates at the Harvard Medical School have had equal success with hyperalimentation therapy in infants.[4] Michener and Law at the University of New Mexico School of Medicine also have adequately employed the use of hyperalimentation parenteral therapy with children.[5]

Before discussing the development and successful use of parenteral hyperalimentation, a general review of the possible ways to provide parenteral nutrition are needed. Patients without normal gastrointestinal absorption of nutriments requiring an excessive amount of protein for wound healing and tissue growth have four possible supplies of protein via the parenteral route: 1) whole blood; 2) plasma; 3) albumin and 4) protein hydrolysates. The proteins associated with whole blood and plasma are readily available but unfortunately are slowly utilized by the body. Albumin also is slowly metabolized and does not provide an immediate source of protein for anabolism.[6] Probably the most useful source of protein is represented by the protein hydrolysates derived from the enzyme hydrolysis of casein (CPH, Cutter; Hyprotigen, McGaw; Amigen, Travenol) or from the acid hydrolysis of fibrin (Aminosol, Abbott). Although these solutions provide the essential amino acids required for building tissue, unless an adequate supply of calories is available from other sources, the protein hydrolysates, through gluconeogenesis, will be utilized for energy rather than for anabolism.

A normal adult requires between 1600 and 3000 calories daily in order to maintain basic metabolism and growth. Even higher caloric requirements are needed in severely ill patients with wasting diseases or malabsorption. The needed calories may be administered parenterally from four major sources. Glucose and protein each supply about 4 calories of energy per gram weight. Fat and ethyl alcohol are more potent suppliers of energy with 9 and 7 calories per gram respectively.

In the 1950's much work was done to develop a fat emulsion suitable for parenteral infusion. Such a product provided an excellent source of energy. Unfortunately, the incidences of untoward side effects led the FDA to ban its use in the United States. Alcohol, the next most potent provider of calories, finds limited usefulness because of its depressing effects on the central nervous system. Glucose, in concentrations above 10%, is too hypertonic for use in normal veins. Its use is self-limiting because large quantities would be required to supply the total caloric needs of an ill person.

Fascinating research has developed during the past few years to find a suitable product that will supply high calories and protein

with minimum adverse effects. In a subsequent article, the development and use of hyperalimentation formulas above will be discussed.

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6. Intravenous Alimentation With Special Reference to Intravenous Fat, Physician's Reference Bulletin, The Upjohn Company, Kalamazoo, Michigan.

HEADS CANCER SERVICE

William A. Simmons, Winston-Salem pharmacist, has been elected president of the Forsyth Cancer Service. Mr. Simmons has been a member of the board of directors of the Service since 1964.

BIRTHDAY RECORD

Pharmacist Howard Michael of The Moses H. Cone Memorial Hospital, Greensboro, had a birthday on January 4. Son and daughter twins, Andy and Melissa, were two on January 6 and two days later, father/grandfather G. E. Michael celebrated his 55th birthday.

ATTEND CAL. HOSPITAL PHARMACY MEETING

There were a number of pharmacists from North Carolina who participated in the 5th Annual Mid-Year Clinical Meeting of the ASHP. These included: F. M. Eckel, Don C. McLeod, Henry Crawley, and Charles Pulliam from the School of Pharmacy. Jack Upton, Director of Pharmacy at Moses Cone Hospital in Greensboro; Wayne Reinhart, Director of Pharmacy at Charlotte Memorial Hospital; Bill Farrior, Director of Pharmacy at Gaston Memorial Hospital; Jim Adams of Adams Professional Pharmacy in Asheville; Tom Reamer, Duke Hospital.

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Call or write the NCPhA, Box 151, Chapel Hill, North Carolina 27514

WELFARE, SOCIAL SERVICES, GUARANTEED INCOME, AND OTHER BURDENS ON THE TAX-PAYER

By Robert H. Milton, 329 Club Drive, Salisbury, N. C.

I am a pharmacist, past retirement age, in good physical condition, and I hope, in good mental condition. Although I could receive retirement compensation by not working, I still prefer to work. This situation may be the reason why it is so hard for me to understand the eagerness of many people to take advantage of the many and varied state and federal social services that are so in evidence today. I wonder if through these many and often times abused plans, if we are hurting the people that the plans are intended for, and possibly helping people that do not really need, and should not have this help.

I believe the original purpose of these services (Welfare, Medicare, etc.) was to aid or help people that could not help themselves. People that were in circumstances of poverty, or old and feeble and unable to earn a living. If this were the case, I doubt if anyone would ever dissent.

As a pharmacist, filling prescriptions for welfare and social services recipients, I see on the I. D. birth dates that indicate ages from one year to ninety years, and it puzzles me to see people that are young, robust and healthy looking, who are well and sometimes stylishly dressed, come in and present a welfare, or social services card, and maybe drive away in an automobile.

Lets think for a moment of the people who are involved in the medicaid cases:

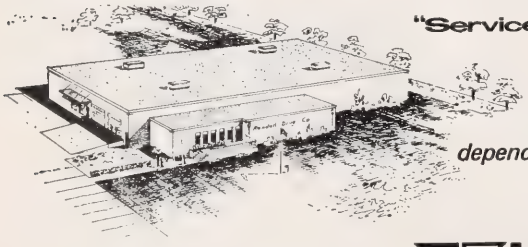
1. The drug manufacturers, who I believe, in most cases, get their full price for drugs used, so they are helped.

2. The medical doctor who sees the patient, and gets a fee in cases that he formerly treated as charity cases, he is benefited, even though his fee may not be the full going rate, it is more than when he treated them as charity.

3. The pharmacist who dispenses the prescription also gets a fee, which somewhat compensates for his services, so he is benefited. Now lets consider the welfare or social services recipient; the doctor's visit doesn't cost him anything, so he goes with the slightest ache or pain. The doctor examines him, and in good faith gives him some prescriptions that he has filled, and follows directions in taking the medicine. The medicine probably makes him feel better, may elevate his mood, possibly making him sleep better, etc., so he again goes to the doctor with the same procedure. Picture this going on for a few months and you have a picture of a person that thinks he can't get along without the particular medicine, so is he being helped, or is he possibly being harmed?

The next group of people that I feel are definitely being harmed, or unduly penalized are the tax-payers who are forced unknowingly to underwrite this process.

This is not intended to be critical of the doctor, or the pharmacist, as the I. D. card and labels attached are more or less demands to render the service indicated. But it does seem to me that a more thorough



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investigation and screening should be made of all applicants.

Lets admit immediately that some people need help, but we must admit too, that welfare and social services, and guaranteed income are not the great panacea that we might have hoped it would be. In some instances the social services cases get more and possibly better medical services than the tax-payer whose income is just a bit above the so-called poverty level, but who works and gets his pay from which is deducted tax to help support these social services cases.

Now since I am critical, I feel that I should make suggestions, that in my opinion, that might improve the situation:

1. I would suggest a complete and thorough investigation of all applicants, and if they are able to work, they should certainly do so.

2. If, in visiting the home the investigator finds radio, tv, automobile, beer, liquor and cigarettes, all of which, to me, are luxuries. These people should divert that luxury to the necessities, rather than be supported by the tax-payers.

3. I believe that some people are on social services as the result of part, or complete lack of education, this being the case, I would suggest that where age permits these people would work X number of hours per day, and go to school X numbers of hours per day too. Following this course, many families that are on social services generation after generation would sooner or later become self supporting and tax paying citizens.

Two NCPhA-Endorsed Insurance Plans Which Merit Member Participation

DISABILITY INCOME PROGRAM

BASIC PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Two Years

EXTENDED PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Five Years

MAJOR MEDICAL EXPENSE PLAN

PLAN I: $12,000 Maximum Benefit including $16 Daily Room Limit
PLAN II: $18,000 Maximum Benefit including $24 Daily Room Limit

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MARSHALL SASSER NAMED TO STATE CANCER BOARD

John Marshall Sasser of Smithfield was elected to the North Carolina Division, American Cancer Society, board of directors during the annual meeting held in Raleigh October 24 and 25.

He is currently serving on the state division's Ad Hoc Committee on Policy Guide Development and has been active in the work of the Johnston County Unit and at the state level.

He is a past president, vice president, and treasurer of the Johnston County Unit of American Cancer Society and member of the board of directors. His other volunteer Cancer activities include past chairman of the budget committee and assistance to Crusade, nominating, service, and education information committees. He has served as a lay speaker and shown cancer films for civic and community groups.

Mr. Sasser is an active member of the North Carolina Pharmaceutical Association and National Association of Retail Druggists. He is a member of the Speakers Bureau on Misuse of Drugs (MOD) in cooperation with the NCPhA and Auxiliary drug awareness program and is a past secretary for the Johnston County Drug Club.

He is a member of Centenary United Methodist Church. He is serving a two-year term as treasurer for the North Carolina Family Life Council and is a member of the Southeastern Council on Family Relations. He is a member and past president of the Smithfield Lions Club and past president of the Johnston County Agricultural Fair Association. He has served on Lions Club committees and the board of directors.

VITAMIN C SALES SPURT

The recent dramatic increase in the sale of Vitamin C reminds us of a reported statement by LeBlanc, who, when asked about the medicinal value of Hadacol, said: "For me, it was worth $5 million."

With the exception of Nobel prize winner Linus Pauling, positive statements about the value of Vitamin C in the treatment of colds are few and far between. But from a sales standpoint, well, the public does react as it did when the medicine show came to town.

RECIPIENT OF NATIONAL AWARD CERTIFICATE

Mrs. Mary Sue Grabs, wife of O. O. Grabs, Jr., co-owner of Stokes Pharmacy, King, has been selected as the recipient of the National Award Certificate from the National Register of prominent Americans, of Pinellas Park, Florida. In addition to numerous activities in her church and community, Mrs. Grabs is a member of the North Carolina Pharmaceutical Auxiliary of which she has served on various committees for the past five years. She is also a member of the Winston-Salem Apothecary Club and was president of the organization in 1968-69.

TO SERVE ON S. S. HOPE

Among the approximately 125 staff members who will serve on the hospital ship S. S. Hope on a 10-months mission to the West Indies is Thomas Marion Moore, a graduate of the UNC School of Pharmacy.

The S. S. HOPE's teaching/treatment mission to the West Indies is a landmark in the history of The People-to-People Health Foundation, Inc. Kingston is the first port of call in HOPE's second decade of service, and the first part of the Project's three-year hemispheric program. Missions are scheduled for Brazil in 1972 and Venezuela in 1973.

INSTITUTE ACQUIRES ANTIQUE FIRST AID KIT

The North Carolina Institute of Pharmacy is the recipient of a Burroughs Wellcome First-Aid (PAC-KIT) which is now on display in the Institute's Room of Memories.

While the kit is not dated, it obviously qualifies for a place in the Room of Memories. In a hinged metal box, the inside cover includes a keyed contents chart and directions for use. For instance, V2 is iodine applicators for sterlizing wounds and A2 is a tourniquet to control arterial bleeding.

The PAC-Kit was contributed by Clifton Brinkley of Kernersville.

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We are proud of our long association with North Carolina druggists through The Carolina Journal of Pharmacy and its editors. *The Journal* is now in its fifty-second volume, and the first printed copy was "Seeman Printed."

The SEEMAN PRINTERY
of DURHAM, NORTH CAROLINA

CURRIN TO REPRESENT ROBINS IN ASHEVILLE AREA

Jerry H. Currin has joined A. H. Robins Company, Richmond-based pharmaceutical firm, as a medical service representative.

Currin has been assigned to the company's Carolina Division and will be working in the Asheville area.

FREE MANAGEMENT SERVICE

Since 1932, the Lilly Analysis Service has offered to review the financial statements of community pharmacy owners. This thirty-ninth year of operation isn't one of general economic depression, as in the 1930's, but it is one of unprecedented business complexity. Soaring sales volumes, external pressures from many sources, and heightened demands on capitalization require of the pharmacist a more sophisticated management technique.

Community pharmacists who participate in the Lilly Analysis Service benefit in two significant ways:

1. Their financial information is personally and thoroughly analyzed and the resulting report provides a broader base for their management decisions.
2. Their figures become part of the LILLY DIGEST, the major reference source of community pharmacy statistics in this country.

Once received, a pharmacist's data are computer processed, reviewed by staff analysts, and typed, and the report is returned within thirty days. The analysis covers the profit and loss statement and the balance sheet, utilizing actual dollar figures, percentages, and derived ratios. Attachments which discuss a particular area in more detail are provided when indicated.

An important point—this service is offered free of charge, and the data are kept strictly confidential. Anonymous statements are also processed, and reports are mailed if an adequate address is provided.

To obtain a free analysis of your operation, simply send your financial statements and prescription data to the Lilly Analysis Service, Eli Lilly and Company, Department M-501, P. O. Box 814, Indianapolis, Indiana 46206.

TAR HEEL DIGEST

MOREHEAD CITY—Eckerd Drugs Inc. announced in early December that it will open a large, self-serviced drug store in the Morehead Plaza Shopping Center in early spring.

CLIFFSIDE—A new drug store, Cliffside Pharmacy, opened here on December 7th with Carl Jolley as owner, manager, and pharmacist. Jolley is a native of Cliffside and a 1950 graduate of the UNC School of Pharmacy.

JACKSON—D. C. Lehman, pharmacist-manager of the Jackson Drug Company, effective January 1, became associated with Pike's Drug Store, Concord.

ENFIELD—Jeff Whitehead of the Whitehead Drug Company was guest lecturer at the School of Pharmacy at UNC, Chapel Hill recently. Senior Class students heard Mr. Whitehead tell of his experience in maintaining patient medication records. Also, he emphasized that pharmacists play an important role in monitoring patient medication to assure safe and effective results.

REIDSVILLE—Pharmacist William G. Dudley, Jr. has been elected to serve on the Board of Directors of First State Bank, Reidsville. Dudley is a native of Reidsville and has been owner and operator of the Carolina Apothecary for many years.

GOLDSBORO—Walter Clodfelter, formerly of Ahoskie, is the new manager and pharmacist of the White Cross-Health Aids Store at Eastgate Shopping Center here.

CLINTON—Pharmacist R. McPhail Herring completed his year as president of the city's Chamber of Commerce on January 1, 1971.

BOONE—The North Carolina Mental Health Association held its annual meeting at Hound Ear's Lodge on December 4th and 5th. The point of interest for this year's meeting was "Drug Use: Consequences and Solutions." Dr. David Work, assistant dean, School of Pharmacy, UNC, appeared as one of the three panelists for the meeting.

HICKORY—W. R. McDonald, III is one of the six new directors selected by the greater Hickory Chamber of Commerce to serve for three-year terms beginning January 1, 1971. Mr. McDonald is manager and part owner of The Viewmont Pharmacy.

SALISBURY—Laurence Howard has been promoted from executive vice president of Purcell Drug Company to president as of November 24. The local Purcell Drug Company is now a subsidiary of Hamilton Industries of Atlanta.

OXFORD—J. B. Clay, local druggist has been named president of the Granville Heart Association for 1971. The announcement was made by Dr. J. Dewey Dorsett of Charlotte, president of the State Heart Association.

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PREVENTS ATTEMPTED ROBBERY

Herbert L. Hartsook, manager of Franklin Drugs in Lawndale Shopping Center, Greensboro, outtalked two masked gunmen recently, therefore thwarted an attempted robbery.

Hartsook and two pharmacists were getting ready to make the deposit into the night deposit slot at the Lawndale Plaza branch of N. C. National Bank when two men with guns and wearing masks, leaped from behind shrubbery and demanded the handing over of the money.

Hartsook replied, "Man, you're crazy. We've got nothing in here but checks."

The drugstore manager said he thought the men were kidding, so he took a couple steps toward them. Then the masked men grabbed from him and one yelled, "Give it to me anyway."

Hartsook ignored the gunmen, unlocking the night deposit box and tossing his deposits into it. When he turned to face his would-be robbers, they had fled and already disappeared from view, as had the druggists accompanying Hartsook.

PHARMACIST ARRESTED ON ASSAULT CHARGE

Paul Fisher, Elkin pharmacist, in early December was arrested and charged with assault with a deadly weapon with intent to kill and carrying a concealed weapon.

According to the arresting officer, an argument started between Fisher and Jonesville Pharmacist Robert Barrett when Fisher stopped by the new Jonesville Drug Store.

The arresting officer reported Fisher appeared to be badly beaten with several cuts on his head and face. Barrett had powder burns on his lower left chest and left hand. During the struggle the two had broken the glass front door.

When Fisher was searched by the policeman it was found that he was carrying a loaded .22 caliber pistol in his right rear pocket.

$1,000 TAKEN IN ROBBERY

Three Negro males walked into Lumberton's Pine Street Drugs on December 14 and robbed Pharmacist Hubert Rogers of more than $1,000.

At gun point, Rogers was ordered to open the cash register. His watch and wallet were also taken.

The SBI is investigating the robbery. A similar-type robbery took place at nearby Dean's Pharmacy in late November.

$979.00 TAKEN

A quartette—two boys and two girls, in a pre-Christmas robbery of Mayodan Pharmacy, made off with $979.00 in cash.

Pharmacist Melvin Kendrick reported one of the women pretended she wanted to buy some men's cologne. While this was going on, another member of the party went into Kendrick's office and took the money from inside a metal box which was on top of the store's safe.

A third member stood watch inside the pharmacy while the fourth waited in a car. The same people were reported seen earlier the same day in Madison Drug Company and Hawkins Rexall Drug in Madison.

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Another plus value of the modern paper box with its clean fresh label.

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SOUTHERN STATES PHARMACEUTICAL COMPANY TO OPEN IN HIGHLANDS

Southern States Pharmaceutical Company is nearing completion of its new plant on Walhalla Road in Highlands, N. C. The new plant will represent an investment of $400,000 when all the machinery and equipment is installed. There will be approximately 67 fulltime employees in the plant and office. Sales Territory for the new firm includes the states of Florida, Georgia, North Carolina, South Carolina, Alabama, Mississippi, and Tennessee.

The Company will manufacture at least 28 ethical pharmaceuticals which will be sold to drug stores throughout the area. These medicines are available only on doctor's prescriptions.

An interesting product planned is called F.P.C., which is a highly concentrated product made from a fish concentrate. This product, due to its low cost and availability of the raw material may well be an answer to the hunger problem which affects over half of the world's population.

HEALTH FILMS, PUBLICATIONS CATALOG PUBLISHED

The 1970-71 edition of THE STORY OF HEALTH, a catalog of motion pictures and publications produced by leading prescription drug makers has been released by the Pharmaceutical Manufacturers Association.

The booklet is designed for use by educators, students, speakers, writers, broadcasters, club leaders and consumer groups. Subjects range from the discovery and manufacturing of modern medicines, to the treatment of various diseases and ailments. Materials and films on health careers, parenthood and drug abuse are also listed.

Most motion pictures listed in the catalog are available for television usage.

Catalogs are available from the Public Relations Division, Pharmaceutical Manufacturers Association, 1155 Fifteenth Street NW, Washington, D. C. 20005.

The PMA is a non-profit, scientific, professional and trade organization representing the manufacturers of about 95 percent of the nation's prescription drug products.

CITIZEN OF THE YEAR

John T. Stevenson of Elizabeth City, a past president of the N. C. Pharmaceutical Association and 1968 Pharmacist of the Year, was named "Citizen of the Year" by the William Clarence Jackson Post, Veterans of Foreign Wars. The award was presented to Mr. Stevenson at a banquet held in Elizabeth City in early December.

Mr. Stevenson is a graduate of the School of Pharmacy, UNC, and has been closely identified with Elizabeth City Pharmacy since 1917, most of this time associated with the late Harold S. Overman in the operation of Overman & Stevenson, one of Northeastern North Carolina's best known professional pharmacy operations.

He is a member of the Board of Directors of the N. C. Pharmaceutical Research Foundation; a member of numerous NCPhA committees and has served as president of the Northeastern Carolina Pharmaceutical Society.

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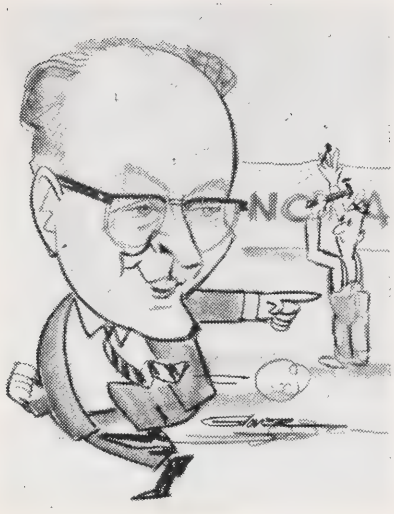

NCPhA SECRETARY RECEIVES GREENHOUSE AT SURPRISE BIRTHDAY PARTY

Our grateful thanks to all who had a part in arranging the surprise birthday/30th NCPhA anniversary party in November.

In particular, to Mr. B. R. Ward of Goldsboro, The Cade Brooks of Fayetteville, The Woman's Auxiliary for Bromeliad Plants, Mrs. Jimmy Creech of Smithfield for graphic illustrations of Secretary's 30 year record and to all who brought food for the luncheon and shared a Sunday afternoon with the W. J. Smiths of Chapel Hill.

The greenhouse has been installed at our home in Greenwood and hopefully, we will be able to measure up to Paul Green's expectations for the area.

As we go about learning how to use the greenhouse and making it into a worthwhile hobby, we will be thinking of all who shared in the surprise gift. A memorable birthday—one which we won't soon forget.

—W. J. Smith

SMATHERS ELECTED ECKERD VICE PRESIDENT

The Board of Directors of Eckerd Drugs, Inc. of Charlotte, North Carolina announced today that Robert H. Smathers has been advanced to the position of Vice President in charge of Finance and Administration; he will continue to serve as Treasurer of the 124 store drug chain whose retail sales now exceed one hundred million dollars. Mr. Smathers graduated from Duke University in 1958 and was active in public accounting until he joined Eckerd Drugs, Inc. in 1961. He was made Eckerd's controller in 1963 and in 1968 was elected Treasurer of the Company. He is Certified Public Accountant having completed all of his training and received his certificate in North Carolina as a C.P.A. prior to his joining the Eckerd organization. Mr. Smathers is a lifelong resident of Charlotte and is married to the former Peggy Brown, also of Charlotte. They have a son, Robert H. age 9. Mr. Smathers is a member of Myers Park United Methodist Church and is active in Duke University Alumni affairs.

B. C. REMEDY CO. LEAVING NORTH CAROLINA

The B. C. Remedy Company of Durham, established in 1910 by the late C. T. Council and Germain Bernard, will be located in another state according to a recent announcement appearing in the press.

The company was sold to Block Drug Company of New Jersey in 1967 and since that time operations have continued in the Durham plant where B. C. Powders and tablets and Nytol sleeping tablets are manufactured.

Hoyle A. Shepherd of Durham was appointed general manager of the B. C. operation at the time Block acquired ownership of the plant. A. W. Clayton, Jr. is the pharmacist-chemist in charge of the control laboratory.

In recent years, the B. C. Durham operation has maintained an employee level of 200. It is anticipated some of these employees will transfer to the new B. C. plant location.

RESULTS OF SURVEY ON CONTINUING PHARMACY EDUCATION CONDUCTED BY THE COMMITTEE ON CONTINUING EDUCATION, NCPhA

1. IF QUESTIONS ARE ASKED OF YOU ABOUT DRUGS BY EITHER PATIENTS OF PHYSICIANS, IS YOUR INFORMATION

More than adequate	38
Adequate	319
Less than adequate	83
Totals	440

2. WOULD YOU DESIRE A SITUATION IN WHICH MORE DRUG INFORMATION WAS BEING DEMANDED FROM YOU?

Yes	278
No	154
Totals	432

3. IF MORE DRUG INFORMATION WAS BEING DEMANDED FROM YOU, WOULD APPROPRIATE CONTINUING EDUCATION PROGRAMS BE NECESSARY TO ASSIST YOU IN MEETING THIS DEMAND?

Yes	341
No	93
Totals	434

4. DO YOU FEEL THERE IS A GENUINE NEED FOR FORMAL PROGRAMS FOR YOU TO CONTINUE YOUR EDUCATION?

Yes	311
No	127
Totals	438

5. WHAT IS YOUR OPINION OF THE PROGRAMS NOW AVAILABLE FOR CONTINUING EDUCATION?

Satisfactory	116
Unsatisfactory	74
Not familiar with Programs available	120
Satisfactory in Quality but not in Quantity	120
Totals	430

6. HAVE YOU ATTENDED ANY CONTINUING EDUCATION PROGRAMS IN THE LAST TWO YEARS?

Yes	191
No	256
Totals	447

7. DO YOU FEEL CONTINUING EDUCATION SHOULD BE COMPULSORY OR VOLUNTARY?

Compulsory	128
Voluntary	305
Totals	433

8. CHOOSE FROM THE FOLLOWING THOSE YOU FEEL SHOULD HAVE THE BASIC RESPONSIBILITY FOR THE DEVELOPMENT OF CONTINUING EDUCATION PROGRAMS:

N. C. Pharmaceutical Association	108
Board of Pharmacy	33
Local Pharm. Assns.	19
UNC School of Pharmacy	80
NCPhA and School of Phcy.	66
Board of Phcy. and School of Phcy.	26
NCPhA and Local Assns.	20
NCPhA, Local Assns. & UNC School of Pharmacy	10
NCPhA, Locals, Bd. of Phcy. & School of Pharmacy	25
Local Assns. & School of Phcy.	6
NCPhA & Board of Phcy.	17
Totals	422

9. WHAT WOULD BE THE MOST CONVENIENT DAY AND TIME OF DAY FOR YOU TO ATTEND CONTINUING EDUCATION PROGRAMS?

Weekends	61
Weekends Mornings	7
Weekends Afternoons	41
Weekdays	22
Weekdays Mornings	16
Weekdays Afternoons	110
Afternoons	53
No Preference	87
Totals	397

UNC PHARMACY SCHOOL NOTES

UNC PHARMACY SCHOOL CONTINUES TO GROW

The UNC School of Pharmacy is growing in many ways. Figures just released by the American Association of Colleges of Pharmacy show it to be the fourth largest of the 74 pharmacy schools in the United States. And contrary to the decreasing rate of enrollments nationally—from 4.5% in 1968 to 1/5% in 1970—the UNC School of Pharmacy increased its enrollment 5%.

The report revealed that 22% of the students in the last three years of pharmacy schools are women. At UNC 25% are female pharmacists to be. An even more impressive number of 27%, is found in the four year total. The first year class here has 49 females, of the 137 students enrolled, or a walloping 36%.

Currently there is a noticeable shortage of profesional pharmacists in this country. It has been estimated that this shortage may reach 71,000 by 1975.

DR. WORK SYMPOSIUM SPEAKER ON DRUG ABUSE

Dr. David R. Work, Assistant Dean of the UNC School of Pharmacy was a featured speaker at the "Drug Use: Consequences and Solutions" Symposium sponsored by the North Carolina Mental Health Association. The meeting was held at Hound Ears Lodge in Boone on December 5.

The role of education in combating the misuse of drugs was emphasized by Dr. Work. He also spoke of the important contribution being made by the School's Student to Student project which brings over 70 advanced, volunteer pharmacy students to schools and organizations throughout North Carolina.

Dr. Work was Director of the past summer School of Pharmacy Teacher Drug Abuse Education program which brought together 173 North Carolina secondary school teachers, administrators and counselors for three separate, one-week sessions dealing with drug abuse.

Assistant Dean LeRoy Werley and Professor Leonard Berlow of the School of Pharmacy also attended the Symposium.

PROFESSOR THOMPSON APPOINTED STATE REPRESENTATIVE TO AMERICAN INSTITUTE OF THE HISTORY OF PHARMACY

Professor Herman O. Thompson of the School of Pharmacy, University of North Carolina, has been appointed the North Carolina representative of the American Institute of the History of Pharmacy.

Primary responsibility of Professor Thompson will be to foster the preservation of historical materials related to the development of pharmacy in North Carolina and to encourage a better appreciation and understanding of pharmacy's contribution in the state.

Glenn Sonnedecker is director of the American Institute of the History of Pharmacy with headquarters in Madison, Wisconsin.

DR. COCOLAS RECEIVES $56,380 STUDY GRANT

Dr. George H. Cocolas, associate professor of Medicinal Chemistry at the UNC School of Pharmacy, is the recipient of a grant for a continuation study "Sterrochemistry of the Cholinergic Mechanism."

The total grant received by Dr. Cocolas was $56,380 and is funded by the National Institute of Neurological Diseases and Stroke, National Institutes of Health of the Public Health Service.

BIRTHS

Mr. and Mrs. Don Williford announce the birth of a son, Edward Lee, on November 20 at Cape Fear Valley Hospital, Fayetteville. Mrs. Williford is the former Mary Lou Johnson, Class of 1965.

The birth of a son, Rodney Reid, is announced by Mr. and Mrs. Don Chapman of

Winston-Salem. Rodney Reid was born November 29, 1970. Mr. Chapman is a UNC School of Pharmacy graduate and is a pharmacist at North Carolina Baptist Hospital. Mrs. Chapman is a past-president of the Woman's Auxiliary of the NCPhA.

WEDDINGS

Miss Evelyn Collins Evans and *Hugh Mercer Clark* were married on November 29 at the Saint Paul Methodist Church in Goldsboro.

The bride is serving as president of the N. C. Association of Legal Secretaries. The bridegroom is a graduate of the UNC School of Pharmacy and is the owner of Yogi Bear Honey Fried Chicken of Goldsboro.

Miss Geraldine Theresa May and *Ralph Thomas Leonard, Jr.* were married January 30 at the Parrish Chapel United Methodist Church at Chamblissburg, Virginia.

Miss May is a graduate of the Medical College of Virginia School of Pharmacy and is employed by Revco Drug Company, Roanoke.

Mr. Leonard, a graduate of the UNC School of Pharmacy, is employed by Revco Drug, Winston-Salem.

DEATHS

Wilbur R. Adams

Wilbur Royster Adams, born August 30, 1908, died November 17 following a period of declining health.

Following graduation from the UNC School of Pharmacy and licensing by the State Board of Pharmacy in 1933, Mr. Adams operated a pharmacy in Angier for more than twenty years. Later, he established pharmacies in Carolina Beach (sold to Luther Bunch) and Wrightsville Beach. At the time of his death, he was the owner/manager of Adams Pharmacy, Carolina Beach.

For many years Mr. Adams was an active member of the N. C. Pharmaceutical Association, serving as chairman or member of a number of the organization's committee. He was local convention chairman when the NCPhA met at Carolina Beach.

Survivors include his widow, Mrs. Ruth Williams Adams, a former president of the Womans Auxiliary of the NCPhA; two daughters, Mrs. Joyce Hardison and Mrs. Nancy Musselwhite, both of Carolina Beach; a sister, Mrs. Lynn Jewell of Cincinnati, Ohio; a brother, Charles H. Adams of Carolina Beach; and five grandchildren.

J. R. JOHNSON

J. R. Johnson, 73, former owner of Kenilworth Drug Store, Asheville, died November 12 in an Asheville hospital after a short illness.

A graduate of the University of California, Mr. Johnson came to Asheville as a member of the first medical detachment assigned to Oteen Veterans Administration Hospital at Oteen.

He had been associated with Valley Drug Store of Chandler since selling Kenilworth Drug Store in 1957.

J. S. BIRMINGHAM

John Steele Birmingham, 80, Hamlet pharmacist, died January 8 in Moore County Memorial Hospital, Pinehurst.

A graduate of Page's School of Pharmacy, Mr. Birmingham established a pharmacy in Hamlet in 1933. In 1944, Louis L. Holland became a partner in Birmingham Drug Company. Mr. Birmingham sold his interest in the store to Louis Holland in 1963 but continued to work on a part time basis until 1965. The store is now owned and operated by William P. Horne, Jr., Pharmacist, under the original name, Birmingham Drug Company.

Mr. Birmingham served as a member of the Richmond County Board of Health for more than 15 years and in 1962 was inducted into the 50 Plus Club of the N. C. Pharmaceutical Association.

"Pharmacy In A Competitive World"

By Louis E. Kazin, Editor, NARD Journal

Thank you, Mr. Chairman. After so many years it's good to be back in North Carolina, meeting with the members and guests of the North Carolina Pharmaceutical Association on the occasion of your 90th Annual Convention.

We have always found it a rich and rewarding experience to discuss pharmaceutical matters with your very fine executive secretary, W. J. Smith. All of us know what a very splendid job he performs for pharmacy in this state. He does the same throughout the nation whenever he has the opportunity to present his well-thought-out opinions to national pharmaceutical associations when meeting in convention or during committee sessions.

The National Association of Retail Druggists has always benefitted greatly by the contributions North Carolina pharmacists have made and are making, in maintaining the strength of this national organization.

The NARD respects the memory of John A. Goode of Asheville, North Carolina who served as NARD president during the years 1932 and 1933, and P. J. Suttlemyre who served on the Executive Committee of the association.

Today, your B. Cade Brooks, of Fayetteville serves on the President's Advisory Committee. My very good friend Charles D. Blanton, Jr., of King's Mountain is on our National Legislation Committee. A. H. Cornwell of Lincolnton is a member of the NARD's Interprofessional Relations Committee. Mr. W. R. McDonald, III of Hickory is a member of our NARD Merchandising Committee, and Mr. Earl Tate of Lenoir serves on the NARD Committee on Pharmacy Laws.

I have the privilege of expressing the appreciation of Willard B. Simmons, our Executive Secretary and the members of the official family of the NARD to these gentlemen for their constructive cooperation with NARD efforts.

Before proceeding with my remarks I hope that you will indulge me while I reminisce for a few moments with you about my last appearance before the NCPhA.

Your convention that year was held in your very beautiful headquarters in Chapel Hill. During the entertainment part of the convention I sat next to W. J., who was describing some of the artists who would appear that particular evening.

I can't recall the conversation verbatim,

Left to right: Louis E. Kazin, Editor of the NARD Journal; Mrs. Marsha Hood Brewer of Pink Hill, 1970 Recipient of the Robins Bowl of Hygeia Award; and NCPhA Secretary W. J. Smith of Chapel Hill. Photo by Colorcraft Corporation.

but I do remember W. J. saying something like this to me: "You're going to like this next couple. They're a husband and wife team who have been entertaining North Carolinians for a long time now and we think they're going places; they're quite funny." I didn't know what to expect or was I sure that W. J.'s standards of humor were the same as mine or vice versa. W. J. was right, because the couple entertaining us that night turned out to be Andy Griffith and his wife. I don't think W. J. could get the Griffiths to entertain at this convention for the same price ($50) he paid Andy at the convention in Chapel Hill.

Well, let's get to work.

We have chosen as our topic "Pharmacy In A Competitive World." It's an all-embracing title, giving us the opportunity to explore many of the competitive developments facing retail pharmacists. I trust that you will bear with me while we probe into the professional and economic structures of pharmacy in terms of their strengths and weaknesses.

We have noticed with growing concern the difficulty most retail pharmacists face when asked to indulge in a certain amount of introspection or self-examination. Please rest assured that we don't intend to use this platform to present a philosophical discussion on the human mind and its adaptability to the many psychological problems which confront all people as they attempt to adjust to the strains and stresses of modern-day living.

We do believe however that before we can even begin to recognize competitive threats or developments, we need to do a much better job of looking inward towards the manner in which we operate our retail pharmacists.

Without such critical self-examination pharmacy will find it difficult to maintain its competitive strength in both our highly important business and professional areas.

Paradoxically retail pharmacy's greatest strength and weakness can be traced directly to our practitioner's interpretation of the term "independence." Admittedly it's an old argument but peculiarly enough it has a special significance today as we meet in this convention.

The nation's independent retail drugstores have been able to bring to fruition a special kind of professional and merchandising enterprise enabling them to fend off competitive threats from outside, and sometimes from within our own profession.

Within the framework of any definitions we might apply to the words "independence" or "independent" we must recognize that one interpretation deals with the basic strength of a retail pharmacy which enables competent and intelligent pharmacists to develop drugstore services, bringing the greatest benefit to their local communities, and for that matter, to themselves.

On the other hand we can do ourselves serious damage if we allow the independence factor to isolate us from the pertinent movements, economic, professional, social, legislative, and administrative forces now coming to the fore as we move into the Seventies.

The latter approach makes it difficult for us to see ourselves as others see us. We can only control our destinies and maintain our independent retail pharmacy position as long as we adjust intelligently to changes which are characteristic of an ever-expanding economy.

The long-held concept usually paraphrased as "no one is going to tell me how to run my drugstore" needs to be given a decent burial once and for all.

We've done pretty well running our drugstores. On the other hand, without giving up the rights and privileges and responsibilities of individual management we do need to step back and take a long hard look at ourselves. If that's impossible, then we must encourage others possessing similar interests and understanding to do the job for us.

Inherent in this recommendation is the awareness, which I'm sure all of you possess that retail pharmacy faces a competitive world in the 1970's, which will confront us with forces attempting to minimize or weaken our economic and professional structure.

There is still a good deal of experimentation to be attempted by those who seek to encroach upon our traditional fields of activity. However, there are some patterns

which have already proved out. We can expect competition to take full advantage of this knowledge, and which by the way, many of us possess but still fail to utilize effectively.

Words and beliefs are one thing and action, of course, is a horse of a different color. Just how important is this critical self-examination which we've discussed in such general terms. How is it employed? What results can we expect if we perform such an act with a high degree of consistency. The cornerstone of any such effort lies in continual re-examination of existing practices within retail pharmacy.

This rather philosophical discussion of the competitive atmosphere which surrounds retail pharmacy attempts to establish the reason for my presence here today.

Some years ago after studying the methods used by mass merchandisers and more recently those within the drug field itself, we became aware of the stress placed by management on the examination of sales, merchandising and professional techniques employed by their drugstore personnel, by management.

These reviews cannot be described as new managerial procedures. Chain drugstore operators have used them for years.

They have employed checking agencies for this purpose. Of course these agencies have many functions. There is some reason to believe that they began life to protect management against excessive internal pilferage.

However their services now include personnel sales evaluation studies.

Today of course, the volume by some independents has reached chain store proportions, at least in terms of annual sales total by units, and sales checking agencies are now being utilized by these drugstore owners.

At this time we think it is important to determine for ourselves whether these sales checking services should be employed by all independent retail pharmacists. The questions now before you are (1) Do you believe that such a service can be beneficial? and (2) Can you fit the costs of such a program into your financial structure?

Let's assume for the purposes of this discussion that we are all agreed in principal with the value of such a program. We don't recommend that we jump in with both feet and accept the whole proposition without a further review of its possible constructive objectives. What we need at this time is to come forth with an experimental program which gives us an opportunity to explore the possibility of developing such a service or employing one to fit the needs of all retail pharmacists. Just how would we go about conducting such an experimentation.

It has been our position for a number of years that the high degree of mutuality of interests which exists between the various segments of activity in the pharmaceutical field could be used to a greater advantage than it is at the present time.

As we envisioned it, retail pharmacists and those persons serving them in some type of sales or informational capacity could provide a modified interpretation of "seeing ourselves as others see us." It was our opinion that as sales representatives travelled around the various areas, they would be in a position to compare store layouts, window displays, modernization techniques, sales personnel efficiency, and to comment on the individual atmosphere in a retail pharmacy in terms of its attractiveness to drugstore patrons. All the above mentioned are strong competitive forces which build sales volume.

The mechanics of such an operation obviously confronts us with certain difficulties. In all probability the best way to move into this project is to review an editorial which we wrote for the November 17, 1969 issue of the NARD Journal, titled "Let's Try This On Again for Size."

We said in part that during the recent NARD Convention in Las Vegas a special panel presentation titled "Is Independence Killing You?" generated a great deal of interest. We were interested in that section of the dicussion which dealt with developing procedures whereby drug wholesalers could work more closely with their customers in building up in-store managerial services.

Because of the relationship of these proposals to our store checking service idea we thought it might be advisable to re-emphasize the advantages of utilizing a

ready-made corps of drugstore analysts—not only drug wholesale representatives, but all others who go to make up Travelling Mens' Auxiliaries on a state-wide basis. In the process of performing their daily assignments these sales representatives cover every retail drugstore in a state one or more times during a given month.

We asked the rhetorical question: "Wouldn't it be a splendid contribution to drugstore operational efficiency if these sales representatives were permitted to carry a simple retail pharmacy checklist which would be used to record their reactions to the way in which today's independent retail pharmacists maintain the strength of their competitive weapons.

In practice we would follow a procedure which would provide all sales representatives with a retail drugstore check sheet which when completed would be mailed to a central clearing office in a state.

The checksheets when they arrived at the clearing house would be given a number, the name of the pharmacy would be removed from the report. The only person able to connect the name with the number would be the one person in charge of the program.

Inasmuch as retail pharmacists have a number of sales representatives calling on them during the month, a composite report bringing together all individual checksheets on a particular drugstore would be mailed to the pharmacists at stated intervals.

The composite approach would make it impossible for sensitive retail drugstore owners to "point a finger" at one specific sales representative, for obvious reasons. The checksheet did not need to be too elaborate or comprehensive. This preliminary venture in a cooperative sales and merchandising checking program would provide the basis for a more intensive review at a later date.

However, what was most important would be the realization on the part of independent retail pharmacists that a constant critical and completely unbiased review and analysis of merchandising and operational efficiency was now available for all pharmacists regardless of size of operation or location.

W. J. thought that it might be worthwhile to experiment with this program and asked that we prepare a questionnaire which would be handled through his office and the members of the Travelling Mens' Auxiliary. Naturally we were most pleased to conduct this experiment with your very fine secretary.

The drugstore checksheet we provided TMA members contained questions as to window and interior displays, evaluation of interior displays, reaction to physical layout, degree of knowledge exhibited by sales personnel, selling effectiveness, prescription department services, including the handling of prescription pricing inquiries, and customers' general reactions to the drugstore.

Members of the TMA were advised not to complete the questionnaire in the presence of the pharmacy owner or manager, and by all means not to identify or associate themselves with this project. Each member of the TMA received six copies of the survey questionnaire plus some return envelopes.

In a letter to the Traveling Mens' Auxiliary, W. J. said: "We hope this broad-based survey will result in some stores being evaluated by a number of TMA members. This way the pharmacy's profile will be more meaningful. Incidentally, no announcement will be made about the survey until the survey has been completed."

Also, TMA members were advised that the information to be supplied would be considered strictly confidential. Reports to be presented to individual drugstores would be a composite of all the completed questionnnaires.

Now before proceeding with any analyses of reports available as a result of this study, may I take a moment to use a speaker's personal privilege to compliment your secretary on his initiative and his obvious deep desire to be of continuing service to all pharmacists in North Carolina.

And when I tell you that this suggestion has been repeated by me over the last fifteen years, and then to go on and point out that Mr. Smith was the first one to give it any consideration, you are in a position to ascertain for yourself how far-sighted your secretary is—not because he was the first to use one of my pet ideas, but the first to probe into the problem of personal evaluation using whatever means on hand to

(Continued on Page 31)

DOINGS OF THE AUXILIARIES

- **PHARMACY WIVES—Janice Almond**
- **CHARLOTTE—Mrs. Bruce R. Medlin**
- **GREENSBORO—Mrs. Edwin H. Meade**
- **CAPE FEAR—Mrs. J. R. Hickmon**

GREENSBORO

The Greensboro Drug Club Auxiliary held a Sara Coventry Jewelry Sale in the morning and again in the evening of November 17 in the home of Mrs. Dale C. Bracker, Ways & Means Chairman.

The jewelry sale replaced the November meeting and auction-bake sale. The proceeds will benefit the Virginia T. Hayes Scholarship Fund.

CAPE FEAR

The Cape Fear Valley Pharmaceutical Association and the Cape Fear Auxiliary held their annual Christmas Party at the Green Valley Country Club on Tuesday night, December 15th.

Mr. R. P. Harris, President of the Association, and Mrs. J. Cody Newton, President of the Auxiliary, welcomed the members.

After a social hour and dinner, the members were entertained by Mr. W. A. West and his daughter, Dellwood, of Roseboro. The Wests sang Christmas selections as well as popular music as Dellwood accompanied them on the guitar. Also entertaining was Mrs. James R. Hickmon, of Fayetteville, who sang several songs, while accompanying herself on the autoharp.

Mrs. J. Cody Newton announced that the Auxiliary's project, "Operation Santa Claus" was valued at approximately $100.00.

The January 20th meeting of the Auxiliary will have as their guest speaker, Mrs. Dan Reaves, who is Beautification Coordinator for the city of Fayetteville.

It was also announced that the next Pharmaceutical Association meeting will be held in March.

PHARMACY WIVES

The Pharmacy Student Wives Auxiliary began this year's activities with a get-acquainted cook-out for the wives and husbands at the home of Mr. and Mrs. W. J. Smith.

The Student Wives attended the Fall Convocation, which was sponsored by the Woman's Auxiliary of the NCPhA at the Institute of Pharmacy on October 7. The Pharmacy Student Wives were guests at the Villa Teo luncheon following the meeting.

Mrs. George Cocolas was the speaker for the first meeting of the fall schedule of the Student Wives at the Institute of Pharmacy on October 13. She supervised the girls as they made paper flowers which were sent to the patients in Gravely Sanatorium. The officers of the club were introduced to the members at this meeting.

The speaker at the November meeting was Mrs. Grover Creech, of Smithfield, president of the Woman's Auxiliary of the NCPhA. Mrs. Creech was a very special guest for the girls as she was the first president of the Student Wives Auxiliary. She gave a most informative demonstration on the art of handling the materials and techniques of decoupage.

Several of the wives of fifth-year students accompanied their husbands on the annual class trip to visit two of the major pharmaceutical manufacturers. The students and their wives visited Eli Lilly and Company in Indianapolis and Abbott Laboratories in Chicago. The Student Wives Auxiliary sponsored first-aid kits to be carried on the buses which were chartered for the trip.

As a money-making project for the club, Student Wives sponsored a Tupperware party December 3.

The annual Christmas party for the wives and husbands was held December 11 at the home of Dr. and Mrs. George P. Hager.

CHARLOTTE

On December 8, 1970, the Charlotte Woman's Auxiliary held its Annual Christmas Bazaar and Luncheon Meeting at the YWCA.

After devotional by Mrs. B. R. Medlin and a most delicious lunch, it was voted that we would dispense with the business and "get on with the Bazaar Auction."

This auction netted a sizable amount to be used in our various club projects.

By the time the meeting was adjourned, our free will gift box for patients at Broughton Hospital was over-flowing. This box, along with our "Christmas Money Gift" is sent each year, by vote of the Auxiliary Members.

MARRIAGE

Miss Rebecca Susan Bailes and Robert McCandless Smith were married November 21, 1970, at Spencer Memorial Methodist Church, Charlotte, N. C.

Mrs. Smith is the daughter of Mrs. Louise Bailes of 3400 Ritch Avenue, Charlotte, N. C. and Mr. Smith is the son of Mr. and Mrs. C. H. Smith of 1039 Islesworth Dr., Charlotte, N. C.

The Smiths will be residing in Columbia, S. C., where Mr. Smith is employed by Package Products.

BIRTHS

Mr. and Mrs. W. D. Smith of Charlotte, announce the birth of a daughter, Donna Kelly, on November 11, 1970.

Donna's dad is employed by Colorcraft of Charlotte and her Mom stays very busy with Donna and her brothers and sisters.

Pharmacy in a Competitive World

(Continued from Page 29)

enable independent retail pharmacists to meet the competitive threats of the 1970's.

In the NARD Journal editorial which I have mentioned I pointed out that the reason why this evaluation of drugstore services did not catch fire in the past was because sales representatives and their employers had shied away from this kind of evaluation. They believed that their retail drugstore customers would resent learning of an adverse report written by sales representatives. This would be considered poor trade relations and we would have to agree with this opinion.

The fact that W. J. and the members of your TMA participated in this really pioneer effort should make North Carolinians proud of the high degree of cooperation which exists between manufacturers and wholesalers and other suppliers' representatives and the retail pharmacists in North Carolina.

Well, the program got underway and although we don't have a mass of statistical information which would enable you to evaluate drugstore operations in specific terms, we do have enough information to indicate how this first experiment could be built up into a really worthwhile comprehensive service for independent retail pharmacists.

Although we have always frowned upon drawing broad projections or making positive decisions on the basis of a limited statistical information, let's take a few moments to present some data which should point up elements of general competitive concern for independent retail pharmacists.

By the way, I wish that when I was in school the TMA members who participated in this program were grading my papers. I never saw so many good marks given to so many. Even though differences were slight we still have enough to draw a general picture for you.

For example, when we asked questions with reference to window displays as to their good-fair-poor status, and other related designations, reports indicated that suburban and shopping center drugstores presented the most attractive displays.

In terms of merchandising effectiveness the good designation was dominated by the same group—suburban and shopping centers, although in this instance urban and downtown drugstores ran a very close second.

The professional image category was more prevalent in the shopping center area but in this case the urban and downtown drugstores were more prominent than the suburban units.

Please remember we're only talking about the "good" designation. Obviously within the "fair" category there are other evaluations.

We asked for impressions of interior drugstore displays, and here again suburban and shopping center units led the way.

We also asked for a determination of whether or not merchandise was priced legibly inasmuch as this is a very effective competitive weapon in the hands of non-drugstore outlets. The leader in this category

was the shopping center drugstore. Next came the suburban unit followed closely by the downtown and urban pharmacies.

Another merchandising tool in this competitive world of ours is the availability of merchandise in terms of customer handling. We asked the question as to how well traffic aisles were kept clear for customer traffic. Here again the shopping center and suburban units led the way with downtown and urban drugstores following not too far behind.

To be continued in Feb. Issue, Carolina Journal of Pharmacy.

PHARMACY FOR SALE—Due to pending retirement of owner. Located in Central N. C. town; well established with above average general sales and Rx volume. Sale subject to optional purchase of building. Cash down payment plus monthly payments over period of years. Gross profit of this pharmacy in 1970 was more than $40,000. Additional information from the NCPhA.

Staff Pharmacist needed immediately for 400 bed general hospital with four satellite units totaling 100 beds. Salary commensurate with qualifications. Excellent working conditions with liberal benefits. Contact Personnel Office, 755-8217, Wake Memorial Hospital, 3000 New Bern Avenue, Raleigh, North Carolina 27610.

Pharmacist—Reigstered in both North and South Carolina with over 20 years experience in all Drug Store Operations—desires change. MSC-1.

For sale—Drug Store in Piedmont, N. C. Doing excellent business. Owner plans to concentrate on going to Medical School. CL-1.

For Sale: Established Pharmacy in Eastern North Carolina. Will sell inventory at wholesale less 15% plus reasonable fee for Rx files. Fixtures free. PMW-1.

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For general pharmacy work in progressive 223 bed general non-profit hospital located 23 miles west of Charlotte, N. C. Must have N. C. license or be eligible for licensure. Present pharmacy staff will include three pharmacists and three technicians. Hours of operation: 8:00 A.M.-11:00 P.M. with shifts covered on rotating basis. Great growth opportunity as new, ultra-modern 479 bed physical plant presently under construction.

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Interested persons should call, write, or apply in person to:

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Gaston Memorial Hospital
Gastonia, North Carolina 28052
Telephone: 864-2661

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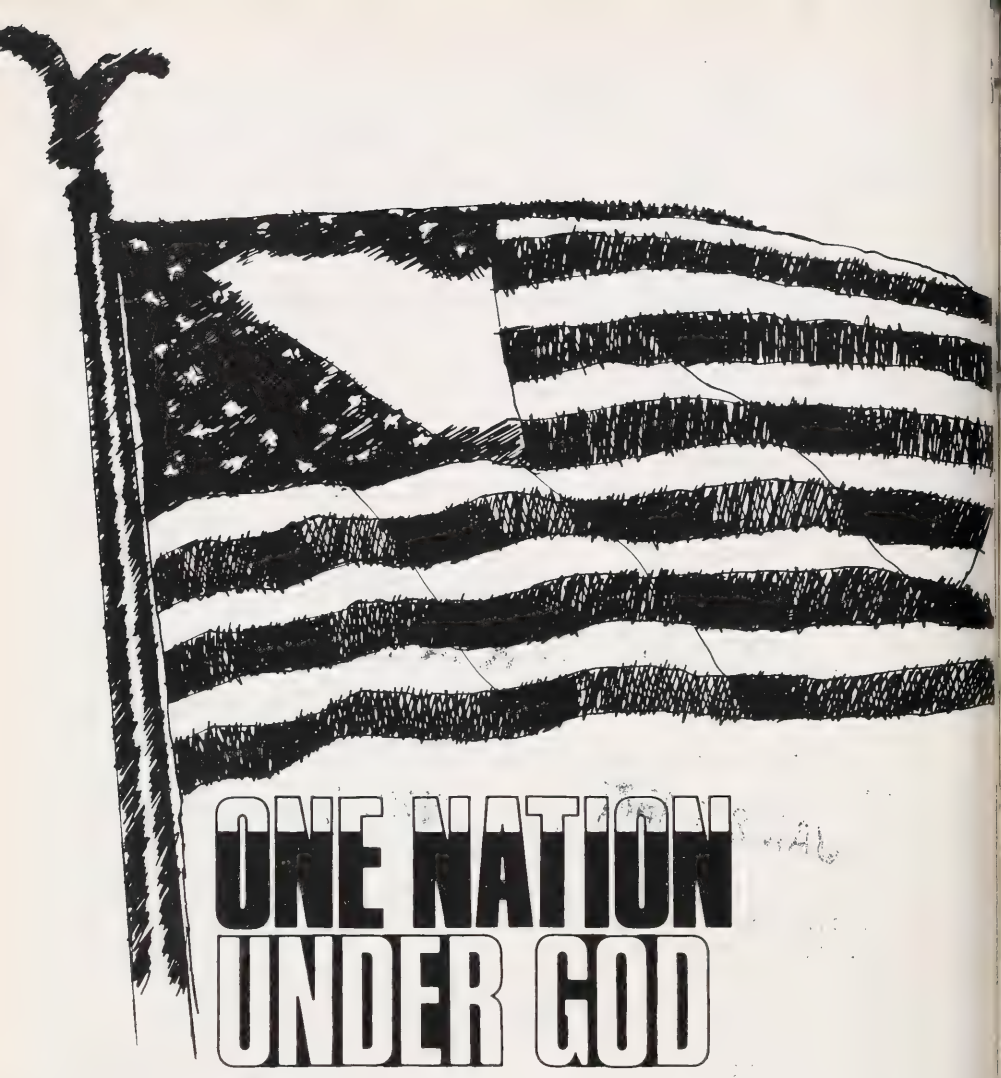

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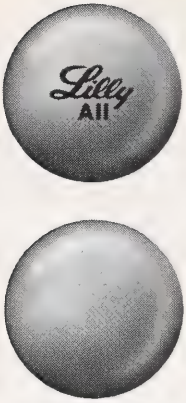
The Carolina JOURNAL OF PHARMACY

Volume LII Feb. 1971 Number 2

When storm tides forced a temporary closing of N. C. Highway 12 on Hatteras Island, an emergency prescription delivery system was worked out by Manteo Pharmacist Keith Fearing (right) and U. S. Coast Guard Helicopter Pilot Russell Knott.

One of the most progressive pharmacies in Eastern North Carolina is the Wallace Drug Company, Wallace. Pharmacist owner/manager L. M. Whaley is shown above in the pharmacy's prescription department. A 1951 graduate of the UNC School of Pharmacy, Mr. Whaley has been active in the business, civic and religious life of Wallace.



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February, 1971

Vol. LII No. 2

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RANDALL ELECTED VP OF APhA ACADEMY

William H. (Bill) Randall, Jr. of Lillington has been elected vice-president of the APhA Academy of General Practice of Pharmacy.

A 1952 graduate of the UNC School of Pharmacy, Randall is a pharmacist-owner of LaFayette Drug Company. He is a member of the N. C. Council on Nursing Homes, an Elder in the Lillington Presbyterian Church, Director of the Chamber of Commerce and of the National Bank of Sanford. He also has served several years as mayor of the city of Lillington.

Involved in various pharmaceutical activities, Mr. Randall is a member of the North Carolina Board of Pharmacy, a past president of the Cape Fear Pharmaceutical Association, and has served as Chairman of the Legislative Committee of the NCPhA. He is a past recipient of the A. H. Robins Bowl of Hygeia Award.

FOUR BOGUS BILLS PASSED

Four counterfeit $20 bills were passed in Statesville recently and there probably would have been more had it not been for an alert sales clerk at the Scottie Store.

Mrs. Lou Ella Wilson intercepted a counterfeit bill when a young man came in and picked up a bottle of Black Belt cologne and brought it to the counter. She told the young man that the purchase would be $3.09.

Mrs. Wilson related that the man gave her a $20 bill and nine cents in change. She turned the bill over and noticed that it was off color and also that the print was bad. She said she then told the man that she did not have the correct change and would have to go in the back to get it.

Mrs. Wilson went to the back of the store and asked Lyle Davis, proprietor of Statesville Drug Store, if the money appeared counterfeit. He agreed and immediately went to the phone to call the police.

When Davis picked up the phone the "customer" told the other clerk, Mrs. Harvey Emerson, that he had to go down the street. When Mrs. Wilson saw the man go out the door, she shouted to Mrs. Emerson that the money was counterfeit and to see where the young man had gone. Mrs. Wilson then noticed that he had left a package from another store lying on the counter so she immediately went down the street to that store, although the man was out of sight. She asked in the men's department if a man had purchased a blue shirt recently with a $20 bill. By this time, Detective Sgt. Tony Randall had arrived and both bills were turned over to him.

Position open for a Staff Pharmacist in a 341 bed General Hospital. 40 hours a week. Salary open. Call or write J. L. Welsh, Jr., Chief Pharmacist, Southeastern General Hospital, Lumberton, N. C. 28358. Tel: (919) 739-3211.

Position open for registered pharmacist. Salary open. Privilege of purchasing Drug Store in leading shopping center after short period of evaluation of the store. Terms. Reaves Rexall Drugs. 919-484-0181

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Year round business in resort area. Drug store location for forty years. New building and modern fixtures. Terms to right party. If desired, consideration will be given to employing a licensed pharmacist who is interested in an annual buy-in arrangement. Highlands Rexall Drugs, Highlands, North Carolina Phone (704) 526-2366.

CROUCH HEADS BUNCOMBE COUNTY PHARMACEUTICAL ASSOCIATION

Phil Crouch of Asheville has been installed as president of the Buncombe County Pharmaceutical Association.

Serving with President Crouch are Bill Sisk, vice president; Bill Horton, secretary; and Glen Kelly, treasurer.

Directors of the organization are J. C. McGee, Jim West and John Kluttz. Mr. Kluttz is the immediate past president of the Buncombe County Pharmaceutical Association.

PHARMACISTS ATTEND CODAP WORKSHOP AT DUKE UNIVERSITY

Pharmacists from all areas of the state attended a CODAP (Community Organization for Drug Abuse Prevention) Workshop in Durham at Duke University on February 3.

Speakers at the 1-day session included Duke President Terry Sanford and participants from various community health, religious, legal and communication agencies and organizations. Workshop Chairman was Dr. Clark R. Cahow of Durham's United Health Services.

Dr. George Hager, Dean of the UNC School of Pharmacy, is a member of CODAP's Interdisciplinary Advisory Committee. He assisted with the workshop program arrangements and is responsible for Pharmacy's excellent representation on February 3 which surpassed other professional groups at the meeting.

In addition to Dean Hager, others attending from Chapel Hill included Leonard Berlow, Claude Paoloni, Mrs. Mona Reddick and NCPhA Secretary W. J. Smith.

The pharmacist regional representation was as follows:

Region A: B. H. Eidam, Jr. (Waynesville)
H. A. Leigh (Cullowhee)

Region B: J. W. Adams (Asheville)
W. B. Van Valkenburgh (Asheville)

Region C: T. W. Barnes (Shelby)
R. R. Harper, Jr. (Kings Mountain)

Region D: H. V. Day (Spruce Pine)
J. C. Miller (Boone)

Region E: D. J. Miller (Morganton)
E. H. Tate (Lenoir)

Region F: J. M. Pike (Concord)
J. H. Rosser (Charlotte)

Region G: (Mrs.) Jean K. Payne (Greensboro)
W. K. Saunders, Jr. (Greensboro)

Region H: J. M. Barringer (Carthage)
R. A. Knight (Pinehurst)

Region J: R. P. Rogers, Jr. (Durham)
F. F. Yarborough (Raleigh)

Region K: T. G. Gupton (Louisburg)
W. H. Mast (Henderson)

Region L. W. R. Adams, Jr. (Wilson)
W. McD. Savage (Roanoke Rapids)

Region M: W. H. Randall, Jr. (Lillington)
W. G. Thames (Fayetteville)

Region N: E. G. Anderson (Elizabethtown)
J. N. Tripp (Lumberton)

Region O: J. A. McNeill (Whiteville)
F. E. Williams (Wilmington)

Region P: J. C. Hood, Jr. (Kinston)
L. M. Whaley (Wallace)

Region Q: W. T. Boone (Ahoskie)
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REAMER AVAILABLE AS A CONSULTANT IN HOSPITAL PHARMACY

Tom Reamer is available as a Consultant in Hospital Pharmacy.

The well known hospital pharmacist, now retired, was Chief Pharmacist of the Duke University Medical Center Pharmacy for many years.

While actively identified with Duke, Mr. Reamer served as Secretary of the American Society of Hospital Pharmacists (1943-46), President of the ASHP (1950-51), was a member of the N. C. Board of Pharmacy in the late 40s, received the HAK Whitney Award in 1959 and was named Pharmacist of the Year by the NCPhA in 1967.

If interested, write to Mr. Reamer at this address: P. O. Box 2747, West Durham, North Carolina 27705.

BANKRUPTCY

A bankruptcy petition has been filed in Federal Court by Ben Savioa's Catawba Pharmacy on West Innes Street, Salisbury.

Savioa, who has accepted employment with Purcell's of Salisbury, listed debts of $57,934.55 and assets of $13,302.59.

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91st Annual Convention

Convention

North Carolina Pharmaceutical Association
Women's Auxiliary, NCPhA
Traveling Men's Auxiliary, NCPhA

Durham, North Carolina April 18-19-20, 1971
Headquarters: Durham Hotel and Motel

CONVENTION CHAIRMEN

N. C. Pharmaceutical Association: W. P. (Bill) Wells, Durham Drug Co.
Woman's Auxiliary: Mrs. W. P. Wells, 2205 Wilson Street, Durham
Traveling Men's Auxiliary: Zack Lyon, Peabody Drug Company, Durham
Wholesale Druggists of N. C.: Tom Sanders, W. H. King Drug Co., Raleigh

Complete details in the March issue, Carolina Journal of Pharmacy.

STATE BOARD OF PHARMACY

Members—David D. Claytor, Greensboro; Harold V. Day, Spruce Pine; C. E. Page, Jr., Henderson; Jesse M. Pike, Concord; W. H. Randall, Lillington; H. C. McAllister, Secy.-Treas., Box 471, Chapel Hill, N. C.

NEW PHARMACIES

1. Mann's Dependable Drug Store, Hickory. Larry G. Rice, pharmacist-manager.
2. White Cross Drugs, Charlotte. Charles L. Jarrett, pharmacist-manager.
3. Ellerbe Pharmacy, Ellerbe. Rodney L. McCaskill, owner and pharmacist-manager.
4. Drug-Lo Stores, Gastonia. Barry M. Bell, pharmacist-manager. Eureka Drug Stores, owners.

CHANGE IN OWNERSHIP

1. Lamm Drug Company, Inc., Mount Airy. W. D. Lamm and Larry B. Good, owners. William DeLay Lamm, pharmacist-manager.
2. Southside Pharmacy, Inc., Spring Hope. J. R. Buchanan and Walter Eason, owners. J. R. Buchanan, pharmacist-manager.
3. White Cross Drugs, Rockingham. John H. Gibson, pharmacist-manager. Successor to Galaxy Drugs.
4. Leonard's Drug Store, High Point. H. B. Leonard, Jr. and Mrs. H. B. Leonard, Sr., owners. H. B. Leonard, Jr., pharmacist-manager.
5. Warren's Drug Store, Mebane. C. S. Oakley and Douglas Issac, owners. C. S. Oakley, pharmacist-manager.

HOSPITALS

Crowell Hospital Pharmacy, Lincolnton. W. L. Summey, pharmacist-manager. J. D. Garland, administrator.

RECIPROCITY

1. Gene Bruscato from Louisiana
2. John Deans from Pennsylvania
3. Alice N. Durham from Ohio
4. Allan Harold Krull from New York
5. Jon R. Pope from Alabama

WILLIFORD DRUGS CLOSES

After 11 years, the Williford Drug Store on South Main Street in Kannapolis, closed on January 23.

The townspeople will miss the relaxation that could be found at Williford's. There was no pressured business atmosphere here but a comfortable tempo could be found at any time during store hours.

E. H. Williford, Jr., owner & pharmacist, is weary of filling prescriptions at all hours. He says he is ready, after a good vacation, to work a forty-hour week like most other people. He announced that most of the merchandise and furnishings in his drug store have been sold to Jackson Park Pharmacy and Martin Drug Co. He plans to work for Eckerds.

A snack bar will open on the Williford Drug premises as soon as the building can be remodeled.

DISTINCTIVE

Carry your store's identity by color and personalized copy right into your customers home..... for the life of the Prescription.

Another plus value of the modern paper box with its clean fresh label.

E. N. ROWELL CO., INC.
BATAVIA, NEW YORK

let's get down to brass tacks

a complete sundries program

For 126 years, the Henry B. Gilpin Company has offered a wide range of services to pharmacists and pharmacies. Once these services were simple. Today they are complex. But the Gilpin service is still complete. Completely modern. Completely attuned to your needs. Like the Gilpin sundries plan. We provide a complete sundries department with inventory specially designed for your store, and a built-in provision for economical and reliable restocking of your shelves. Gilpin also maintains an expanding stock of promotional sundries and programs that build traffic and make sales for you. In addition, Gilpin offers 10 other services to help you in your practice of pharmacy. One or more of them may just fit your need.

1. **An experienced, pharmacy oriented sales force** trained to assist you in merchandising and store operations. In addition to their own experience, these men are prepared to immediately draw upon a wealth of experience in every phase of store operations which exist within the Gilpin company now.
2. **A comprehensive and up-to-date convalescent aids program.** Professional assistance is available to design a program to meet your space and inventory requirements and train appropriate personnel in your store to make this a profitable department.
3. **A complete sundries program** providing sundries departments and inventories designed specifically for your store, with a built-in provision for economical and reliable restocking of your shelves. Along with this, we maintain expanding stocks of new promotional sundries and programs for increasing traffic and sales.
4. **A professional planning and remodeling service** within our organization which includes complete service in floor design, fixture and installation.
5. **Professional help in site selection,** store development and in lease acquisition for desirable sites.
6. **Computerized inventory and billing systems.** This modern computerization also makes possible a wide range of additional data services including regular issuance of individual monthly reports of DACA drugs showing quantities and dates on which they were submitted.
7. **A financial service consultant** to service you on request.
8. **Professional Services Department.** A professional services department which provides you with vital assistance in the form of direct services and/or consultation in areas including: Medicare, Medicaid, third party payment programs, pharmaceutical inventory control, federal and state regulations, and many other areas.
9. **Two giant product shows each year:** in January featuring summer goods; in July featuring selections of fall and gift merchandise and emphasizing promotional sundries.
10. **An Accounts Receivable program.** A computerized system that knows pharmacists. The program handles your charge accounts and gives your customers a monthly statement showing all their deductible medical expenses, both for the current month and for the year to date. It also provides a monthly report on the aging of your accounts in the summary.
11. **Professional advertising and promotional assistance.** Our specialists in this area now provide on-going advertising and promotional programs for many of our customers and are available to assist you in this increasingly important area of your operation. With complete stocks and complete lines of merchandise provided with it, we are well qualified to provide the services required to nail down the profit dollars which you need and deserve from your business.

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125th ANNIVERSARY

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We hope you're getting the business that's rightly —and exclusively—yours.

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McCOY GUEST SPEAKER AT PTA MEETING

Grover pharmacist Clint McCoy was guest speaker recently at the monthly meeting of Bethware School Parent-Teacher Association.

His program was entitled "Use of Drugs" and was illustrated with the use of rabbits.

NAMED DEAN OF UNIVERSITY OF MISSISSIPPI SCHOOL OF PHARMACY

A native of Durham, Dr. Wallace L. Guess, will become Dean of the University of Mississippi School of Pharmacy on July 1.

At present, Guess is a professor of pharmacy and director of a drug and toxicology research laboratory at the University of Texas.

Dr. Guess earned his undergraduate degree in 1949 and his master's degree in 1951, both at the University of Texas. He was awarded the Ph.D. Degree in Pharmacy from the University of Washington in 1959.

COMMENDATION FOR BENNETT

John Bennett, son of Mr. and Mrs. Carl J. Bennett of Morganton, has received a commendation for demonstrating exceptional ability, initiative, and devotion to duty while undergoing a "most difficult" 32 week course of instruction in Pharmacy Technic at the Naval Hospital in Portsmouth, Virginia.

Bennett entered the Navy in February of 1969 from the University of North Carolina School of Pharmacy, where he was a 3rd year Pharmacy Student. Later, he graduated third in a class of 28 from Pharmacy School in Portsmouth.

Bennett's citation read in part: "Such dedication to professional performance is in keeping with the highest tradition of the Hospital Corps, and reflects credit upon the United States Navy and yourself."

HEALTH FILMS, PUBLICATIONS CATALOG PUBLISHED

The 1970-71 edition of THE STORY OF HEALTH, a catalog of motion pictures and publications produced by leading prescription drug makers has been released by the Pharmaceutical Manufacturers Association.

The booklet is designed for use by educators, students, speakers, writers, broadcasters, club leaders and consumer groups. Subjects range from the discovery and manufacturing of modern medicines, to the treatment of various diseases and ailments. Materials and films on health careers, parenthood and drug abuse are also listed.

Most motion pictures listed in the catalog are available for television usage.

Catalogs are available from the Public Relations Division, Pharmaceutical Manufacturers Association, 1155 Fifteenth Street NW, Washington, D. C. 20005.

The PMA is a non-profit, scientific, professional and trade organization representing the manufacturers of about 95 percent of the nation's prescription drug products.

DRUG DISTRIBUTION BOOKLET AVAILABLE

Pharmacists should assist nursing personnel in all areas of drug distribution. A number of hospitals have turned to these pharmacy specialists for just such help and found them to be significant time-savers for nurses, while promoting quality in the drug distribution administration system.

To provide guidelines to help North Carolina hospital pharmacists and nurses improve their drug distribution administration system, the Joint Committee of the North Carolina State Nurses' Association and the North Carolina Society of Hospital Pharmacists developed an informative booklet "Guidelines for Drug Distribution in North Carolina Hospitals." In this document, the Joint Committee did not recommend any particular system of drug distribution, but rather an attempt was made to highlight those areas that should promote quality in any existing drug distribution system.

These Guidelines are particularly appropriate for hospital pharmacists, nurses and administrators who are interested in utilizing the subject areas and references to upgrade drug use control in their institution.

Copies are available for $1.00 from Mr. Fred M. Eckel, School of Pharmacy, UNC, Chapel Hill, North Carolina 27514.

NEW HANOVER ORGANIZATION ADOPTS SALES POLICY FOR SYRINGES/NEEDLES

A great percentage of the drugs abused by the public are available at the corner drug store.

While an addict cannot necessarily walk up to his neighborhood pharmacist and order a hit of heroin or a tab of LSD, there are numerous amphetamines, barbiturates and other drugs which can be purchased on prescription from a licensed druggist.

The New Hanover County Pharmaceutical Society recognized that (1) New Hanover County does have a "drug problem" and (2) drug stores are in the business of dispensing drugs.

As a result, the society has taken action to minimize the possibility of having dangerous and potentially dangerous drugs falling into the wrong hands.

This also goes for other drug store items, primarily needles and syringes, which could be used by addicts and other persons abusing drugs.

Franklin E. Williams, vice-president of the pharmaceutical society, said his group has been working to better control the dispensing of drugs to the public for the past several months. While state law governs the control of many drugs, there are some holes in the law which certain people take advantage of, and which the society has sought to fill.

Primary among these is the sales of hypodermic needles and syringes.

Williams said sales of needles and syringes increased alarmingly during the past year, and pharmacists are reasonably sure that not all the sales were for legitimate purposes. After all, he said, the hypodermic needle is the primary tool of the heroin addict.

Williams explained that state law requires that persons buying drugs such as terpin hydrate and paregoric, which contain narcotic derivatives, must register their names with the pharmacist. While these drugs can be purchased without a prescription, there is the possibility they can be abused. However, said Williams, there is no law controlling the retail sale of needles and syringes.

Williams said the syringes and needles used to be displayed at the front of his pharmacy, and they could be purchased right at the cash register.

Then he moved them to the pharmaceutical counter where prospective purchasers would have to ask for them. "Some time ago, I had an awful lot of requests for syringes," said Williams. "I would ask these people for identification and what they planned to use the syringes for. I'd estimate that 50 per cent of them turned around and left without giving me the information."

Since then, he said, he and the other 50 pharmacists in the society have adopted a registration system for those purchasing hypodermic needles and/or syringes.

I. C. System, Inc.

The nation's most highly specialized collection service

Your Association's Collection Service is an affiliate of a national organization currently serving members of more than 300 leading trade associations throughout the nation.

Don't lose sales volume because customers owe you money and are trading somewhere else. Your Association's Collection Service will chase those debtors back into your place of business to pay YOU direct. You will get accounts OFF your ledger and IN your bank account—and you will also have many former customers back doing business with you again. For information, contact your Association office. It will pay you to do so.

On request, A representative of the I. C. System will explain the collection program in detail.

Call or write the NCPhA, Box 151, Chapel Hill, North Carolina 27514

People purchasing these items must sign their names and addresses in a book labeled: "Notice! To all prospective purchasers of needles and syringes. The information in this book is available to all law enforcement agencies and physicians." Since then, said Williams, the number of people asking to buy these items has been reduced markedly.

Williams said there are a number of people who need needles and syringes for legitimate purposes—diabetics, persons with allergies and similar cases. The new rule is not designed to hamper the purchases by these legitimate buyers, he said. After all, said Williams, the new disposable syringes are inexpensive (eight cents to 15 cents apiece) and are available at any drug store.

There are a number of other ways the organized pharmacists combat drug abuse. The 50 society members have worked up a system for calling one another to tip each pharmacist off about a suspicious prescription.

"In October, November and December, there was not a week that went by I did not get a prescription I had to check out," said Williams. "There are persons who will steal prescription blanks, fill them in and forge the name of a doctor in order to get drugs from a pharmacist."

To work against this action, the pharmacists have worked up a chart where if one member gets a suspicious prescription and it does not check out with the doctor whose name is on the prescription, the pharmacist picks up the phone, refers to his chart and calls the pharmacist whose name is on the list.

The information is then passed on down the list until every member has been notified.

"It generally takes us only about 20 minutes to run through the list," said Williams. —*WILMINGTON STAR.*

Two NCPhA-Endorsed Insurance Plans Which Merit Member Participation

DISABILITY INCOME PROGRAM

BASIC PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Two Years

EXTENDED PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Five Years

MAJOR MEDICAL EXPENSE PLAN

PLAN I: $12,000 Maximum Benefit including $16 Daily Room Limit
PLAN II: $18,000 Maximum Benefit including $24 Daily Room Limit

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(919) 787-0516

Dear Mr. Smith:

Pharma-Scripts, Inc. in cooperation with Lederle Laboratories will soon introduce a pre-printed sample prescription program in your state. We are aware that there have been other sample prescription ideas which have met with mixed acceptance among pharmacists and pharmacist associations in the past. We are hopeful that this new approach will obviate most, if not all, past objections.

The essential difference between Pharma-Scripts and other programs is that the second part of the form provides for the pharmacist to indicate *his usual* and *customary charge* for filling the prescription. He then affixes his store label, and returns it to Pharma-Scripts, Inc. for *payment in cash.*

In this project several thousand selected physicians, in a fifteen state area, will receive five pre-printed Pharma-Scripts forms each specifying thirty Hydromox tablets. This two-part form which must be signed by the designated physician will be presented by the patient to the pharmacist for dispensing. The form will also contain a space for refill instructions. The refill instructions constitute a continuing prescription which, of course, will be paid for by the patient in the usual manner.

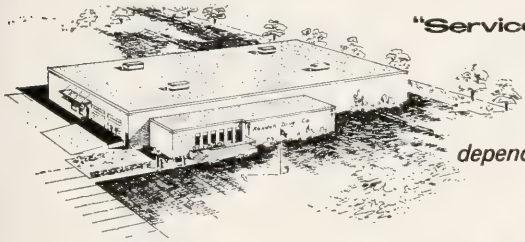
Any number of Pharma-Scripts may be returned for payment at one time and payment will be made on a regular monthly basis. The pharmacist will receive one check for all Pharma-Scripts presented during the monthly billing period with a voucher listing all items by a serial number and their related charges.

We sincerely hope that the Pharma-Script method of drug sampling will find wide acceptance with the pharmacist, the physician and the patient. We believe this new approach, allowing the pharmacist to indicate his usual and customary charge, eliminates many of the problems that you may have experienced in the past with "free prescriptions."

If this project is successful we anticipate many other pharmaceutical companies will participate in the Pharma-Scripts program.

Most of the salient points of the Pharma-Scripts program have been covered herein. However we would appreciate any comment or suggestions you may have, and we are hopeful that this concept will meet with your approval. You may direct your comments to us and/or to Mr. Gale Smith, Manager of Trade Relations, Lederle Laboratories, Pearl River, N. Y. 10965.

Very truly yours,
John M. Cortelyou,
President
Pharma-Scripts, Inc.



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KENDALL DRUG COMPANY
SHELBY, N.C.

TAR HEEL DIGEST

SPRING HOPE—Southside Pharmacy, which has been in operation since 1910, changed hands as of the first of the year. Gus Neville, who owned and operated Southside for 30 years, sold the firm to John R. Buchanan and Walton Easton, Rocky Mount pharmacists. Neville plans to retire. Buchanan's plans are to manage the business until Bill Pittman of Lewiston moves to Spring Hope in April to assume duties as pharmacist-manager.

MT. AIRY—William D. Lamm and Larry B. Good have acquired partnerships in Lamm Drug Co., Inc. The pharmacy has been operated by Lamm's father, L. M. Lamm for many years. Both Lamm and Good are UNC Pharmacy School graduates.

WILMINGTON—Harold E. Henriksen resigned as president of Henriksen's Drug Store in Hanover Center and was succeeded by his son H. E. (Gene) Henriksen, Jr. as of January 1. Harry Gross has been elected vice-president and will continue as manager of the store.

HICKORY—William R. McDonald, III, president of Ninth Avenue Pharmacy, announced that The Hickory Pharmacy was consolidated with Ninth Avenue Pharmacy and Viewmont Pharmacy as of January 1.

DURHAM—North Carolina Mutual Wholesale Drug Co. has begun construction on a $250,000 addition to their present facilities at 816 Ellis Road, N. C. Mutual serves more than 200 retail pharmacies in North Carolina.

STATESVILLE—A. Lyle Davis, proprietor of Statesville Drug Co., decided this year that, instead of sending Christmas presents to doctors and other prime supporters in the community, he would lump it all together and present it to Mitchell College. His gift represented quite an appreciable sum.

PILOT MOUNTAIN—Oscar Smith, who operates Smith's Drug Store, has been awarded Greyhound's highest service honor, the Customer Service Award. Smith received the award "in recognition of 31 years of devoted service to Greyhound customers."

ANGIER—I. J. Pruiett, was guest speaker at the Little River Baptist Pastor's Conference at the Angier Baptist Church recently. Mr. Pruiett spoke to the ministers on "Drug Abuse."

TARBORO—C. Foy Bradshaw began his duties as full time pharmacist at Edgecombe General Hospital as of January 1. Bradshaw is a graduate of the UNC School of Pharmacy.

MURPHY—Kenneth Godfrey, partner of the Parker Drug Store, has been named as one of the seven new members in the Western Region to the Board of Managers of Wachovia Bank.

LENOIR—Among the new directors of the Lenoir Merchants Association is James S. Greene, president of Peoples Drug Store. Greene was elected at the January 18 meeting of the association.

LENOIR—The Bank of Granite has named a seven-man Advisory Board for its Hudson office. Among other prominent citizens elected to the board is pharmacist William M. (Bill) Lovelace, Jr., founder of Hudson Drug Company.

SHELBY—Pharmacist Ronnie Austell was named chairman of the newly formed Health and Environmental Committee of the Shelby Chamber of Commerce at the organizational meeting on January 14. The committee plans to work in all areas of pollution problems and attempt to set up environmental controls in residential, business and industrial areas.

GREENSBORO—Joining the Board of Directors for the greater Greensboro Merchants Association is Russell Franklin of Franklin Drugs. Franklin is one of the four new members named to the board.

RALEIGH—Jerry Price, pharmacist at Rex Hospital, spoke on "The Drug Scene" at the seminar on "Alcohol and Drug Abuse" held January 25-26. The seminar was sponsored by the Christian Action League of North Carolina.

AULANDER—The Aulander Pharmacy was robbed January 4th of all the paper money the burglar could find, according to W. Hoyt Todd, owner of the pharmacy. The Aulander police discovered the robbery upon finding the back door of the pharmacy open during a routine check early that morning.

BOONE—Johnny Stacy, UNC School of Pharmacy graduate, has returned to his native Boone to become a partner with O. K. and Wayne Richardson, Joe Miller and Jim Furman. These pharmacists are owners of the Boone Drug Co., King Street Pharmacy, and the Deerfield Pharmacy.

STATESVILLE—Fred Lowry, well-known local pharmacist presented a layman's Christian Witness at the Sunday morning worship service, January 10 at St. Paul's Lutheran Church. Lowry is a member of the Western Avenue Baptist Church.

MORGANTON—Local children took drugs and merchandise which had been delivered to Burke Pharmacy and Jones Drug early Saturday morning, January 16 before the drug stores opened. Most of the goods were recovered later in the day. An estimated $50 worth of merchandise was taken from Burke Pharmacy and about $80 from Jones Drug.

ROXBORO—Al Cole of Cole's Pharmacy has been elected to the Board of Directors for the Roxboro Chamber of Commerce. He will serve a three-year term which began in January.

WINSTON-SALEM—The Revco Drug Store, 2132 Cloverdale Avenue, was broken into on the night of the 27th and more than $1,000 worth of drugs taken.

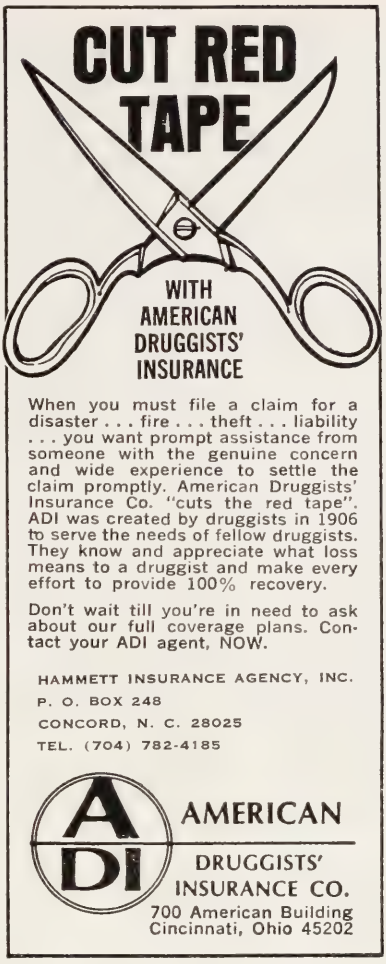
Included in the list of stolen items were 285 cartons of cigarettes, toiletries, cameras and radios, 1500 Darvon Capsules, 1350 Dexadrine, etc.

GOLDSBORO—J. C. Baker, Chief Pharmacist at Cherry Hospital, was quest speaker at a recent meeting of the Selma Kiwanis Club. Topic of Mr. Baker's talk was drugs subject to abuse and some of the symptoms exhibited by drug abusers.

MOUNT AIRY—Lamm Drug, Inc., 175 North Main Street, has been issued a charter by the Secretary of State with the following owners: William D. Lamm, Larry Good and John C. W. Gardner, all of Mount Airy.

GASTONIA—Moss Rexall Drugs, 192 South Street, has been incorporated with the following owners: Joseph B. Alala, Jr., Deanna H. Dyer and Dick L. Voorhees, all of Gastonia.

SPRING HOPE—New owners of the recently incorporated Southside Pharmacy are John R. Buchanan of Nashville and Walter G. Eason of Rocky Mount.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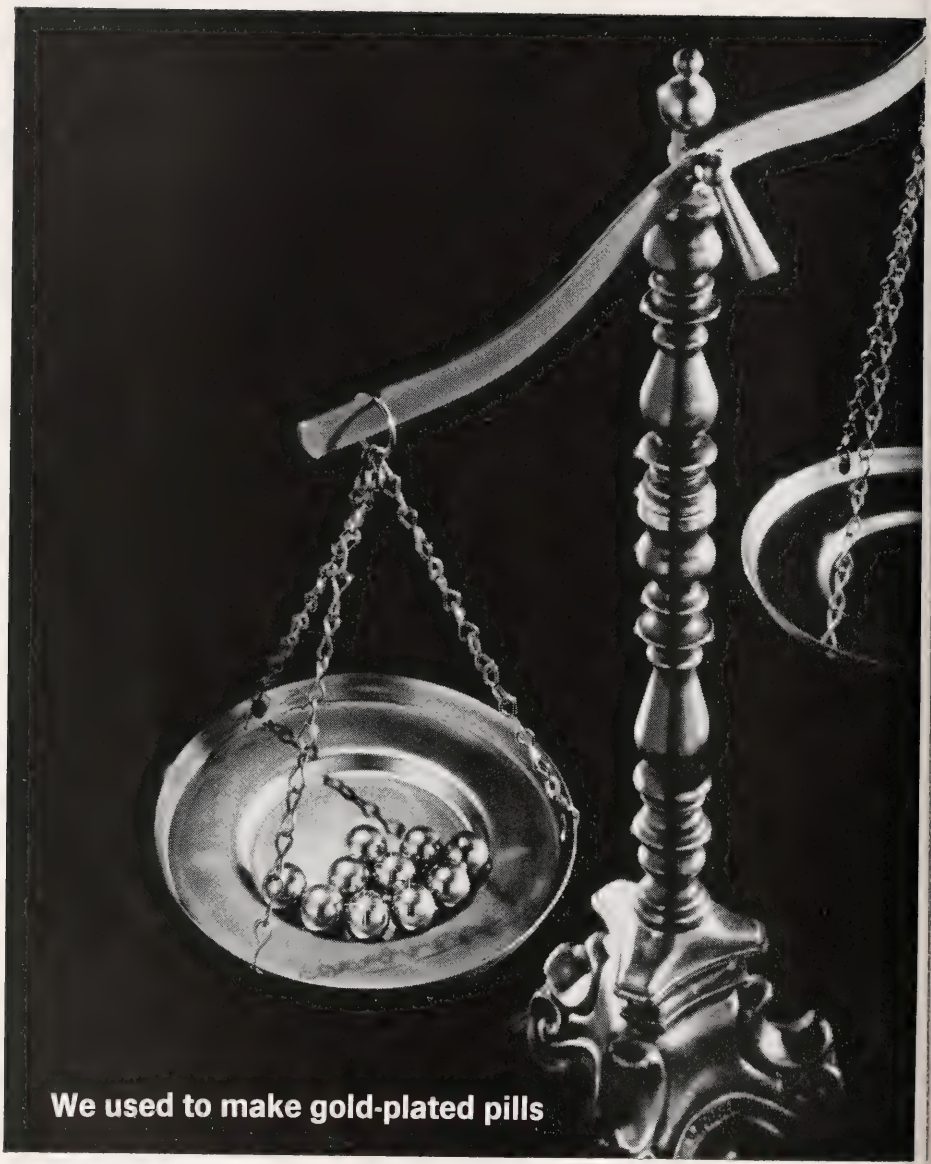

We did from 1913 into the mid-Twenties. They were rolled on this gold leaf to pick up a fine golden luster.

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Today, we concentrate on putting the quality on the inside, where you and the doctor and the patient want it.

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Legislative Proposals Screened by Committee

The Legislative Committee of the North Carolina Pharmaceutical Association met in Chapel Hill on February 11 to review a number of legislative proposals.

Committee members present were W. H. Randall, Chairman; Donald K. Chapman, James L. Creech, Claude U. Paoloni and W. A. West. Guests present included David R. Work, H. C. McAllister and W. J. Smith.

Most of the meeting was devoted to an in-depth study of the proposed "North Carolina Dangerous Drug Act" which has been predicted will be introduced in the 1971 session of the North Carolina General Assembly.

After Dr. Work had presented an analysis of the proposed Act, the Committee authorized Work-McAllister-Smith to follow developments in Raleigh and to disseminate information about specific details of the Act after the bill has been introduced in the Assembly. Mr. Smith pointed out that a preliminary bulletin relating to the proposal had been mailed to NCPhA members along with a 2-page bulletin with highlights of the Comprehensive Drug Abuse Prevention and Control Act of 1970.

The Committee approved a suggestion (from Tripartite Committee) that suitable legislation be enacted to permit the Board of Pharmacy to issue a license to a pharmacist intern with suitable qualifications to practice during the temporary absence of the licensed pharmacist (same privileges as present licensed assistant pharmacists). See below for proposed language of G. S. 90.61.1.

Also, the Committee endorsed a proposal that, if enacted into law, would permit the Board of Pharmacy to set the experience requirements so that they would be consistent with the changes that are being made nationally without having to go back to the General Assembly each time a change is made. With the proposed change, the Board could reduce the required experience but could not increase it over present requirements.

The Committee endorsed a proposal that pharmacists coming to the State by reciprocity from other states be issued a temporary or probationary license for one year before registration becomes final. During the probationary period, the pharmacist may not qualify as a pharmacist-manager. This plan has been in operation in Virginia for many years.

The Committee discussed the advisability of requiring drug wholesalers and manufacturers to register with the State Board of Pharmacy but took no action other than to recommend that any action in this direction should originate with the wholesalers/manufacturers. The Attorney General of the State has expressed some interest in this area.

G. S. 90.61.1. Licensed Pharmacist Intern.— In order to become licensed as a pharmacist intern for a period not to exceed two years, an applicant shall be not less than twenty years of age, he shall present to the Board of Pharmacy satisfactory evidence that he is a graduate of a reputable school or college of pharmacy and that he has had at least three months of practical experience in pharmacy under the instruction of a licensed pharmacist as might be determined by the Board of Pharmacy, and he shall also pass a satisfactory examination by the Board of Pharmacy. A licensed pharmacist intern shall be entitled to the same practice, privileges and responsibilities as an assistant registered pharmacist, licensed pursuant to this Article.

Second paragraph of G. S. 90-61:

In order to become licensed as a pharmacist within the meaning of this article, an applicant shall be not less than twenty-one years of age; he shall present to the Board of Pharmacy satisfactory evidence that he is a graduate of a reputable school or college of pharmacy and that he has had suitable practical experience in pharmacy under the supervision of a licensed pharmacist, not to exceed one year as may be determined from time to time by the Board of Pharmacy;

(concluded on Page 22)

Drug Therapy Problems

By Stephen M. Caiola*

The purpose of this column is to present to you, the practitioners of pharmacy, a number of cases exemplifying problems in modern drug therapy. All reports will be taken from the current pharmaceutical and medical literature. A number of the cases will describe adverse and beneficial effects of multiple drug therapy, that is, the much talked about problem of drug interactions. Other presentations will relate an unusual or unexpected drug response caused by a patient's specific disease state. Any other interesting facts related to modern drug usage will also be reported.

This month a new tetracycline interaction is reported plus a chloral hydrate—warfarin interaction which is the exact opposite of what was previously believed to occur.

Influence of Iron on Tetracycline Absorption

In treating and preventing infections, it is very important to avoid situations which impair absorption of the orally administered anti-infectives. With the tetracyclines, milk, antacids and bivalent and trivalent cations are known to decrease absorption and thus lead to inadequate plasma concentrations.

In a recent issue of the *British Medical Journal* (4:509-510 and 532-534, November 28, 1970), the authors present the very significant effect of orally administered iron on the intestinal absorption of four tetracyclines. In all cases, the tetracycline doses given were those recommended by the respective manufacturers. Beginning with tetracycline, when 500 mg. was administered with 200 mg. of ferrous sulfate, serum levels of tetracycline reached only 50 to 60% of the levels produced in those who did not receive ferrous sulfate. After 500 mg. of oxytetracycline plus ferrous sulfate 200 mg., serum concentrations reached only 40 to 50% of what was expected.

The remaining tetracyclines tested, methacycline and doxycycline, were much more adversely effected than the previous two. Ferrous sulfate, 200 mg., caused a 300 mg. dose of methacycline to reach only 10 to 20% of the expected serum level, and a 200 mg. dose of doxycycline to reach only 10 to 15% of its expected serum concentration. These two tetracyclines are affected so greatly because the ferrous ion binds all tetracyclines in equimolar ratios. Therefore, the tetracyclines with the lower recommended doses have a greater percentage of their doses bound by iron in unabsorbable forms in the intestine.

It is not uncommon for patients on iron therapy to also be receiving a course of tetracycline therapy. The fact that iron is

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present in many over-the-counter tonics and vitamin mixtures further compounds this problem. Therefore, quoting the authors, "to avoid inadequate plasma levels and therapeutic failures, tetracyclines should not be taken simultaneously with any preparation liberating ferrous on ferric ions in the upper part of the gastrointestinal tract."

The Warfarin—Chloral Hydrate Interaction

For a number of years it was believed that chloral hydrate induced the synthesis of liver enzymes that metabolize warfarin. If this was the case, the dose of warfarin would have to be larger than usual to achieve adequate anticoagulation. A current article in the *New England Journal of Medicine* (283:827-831, October 15, 1970), however, indicates that the opposite is true.

As stated in this reference, warfarin is normally 97% protein-bound. Displacement from its binding sites on albumin makes more of the free drug available to cause a greater than expected anticoagulant effect. In the normal metabolism of chloral hydrate, a compound which has a high affinity for albumin, trichloroacetic acid (TCA), is produced. The authors state that in the patient stabilized on warfarin, a 1 Gm. dose of chloral hydrate will produce enough TCA in 12 hours to displace sufficient warfarin from albumin to begin to increase the anticoagulant effect. Also, chloral hydrate 1 Gm. daily for a week will increase the anticoagulant response by 40 to 80%. Chloral hydrate, therefore, should be used with extreme caution in the patient receiving warfarin or other coumarin derivatives. A reduction in anticoagulant dosage should be anticipated when chloral hydrate therapy is begun and then increased when the sedative is discontinued.

N. C. SENDS DELEGATION TO NARD LEGISLATIVE CONFERENCE

Seven delegates from the North Carolina Pharmaceutical Association attended the Third Annual Conference on National Legislation and Public Affairs, Washington, D. C., January 20-21:

NCPhA President B. Cade Brooks of Fayetteville; Charles M. Blanton of Kings Mountain, Elmo McCorkle of Burlington. George and Marion Edmonds of Greensboro, Jesse M. Pike of Concord and NCPhA Secretary W. J. Smith of Chapel Hill.

The Conference was sponsored by the National Association of Retail Druggists. A Congressional Reception on January 20 at the Statler Hilton Hotel was attended by a number of North Carolina congressmen.

One of the speakers, Senator Humphrey, said that "we expect the 92nd Congress of the United States to be known as the 'Health Congress' and we earnestly desire that pharmacists will insist more emphatically than ever before to become part of all groups, both private and public, delving into the real problems concerning the health care needs of all our people."

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UNC PHARMACY SCHOOL NOTES

GEORGE COCOLAS PRESENTS SEMINAR AT VIRGINIA SCHOOL

Dr. George H. Cocolas of the UNC School of Pharmacy recently presented a seminar to the combined faculty and student bodies of medicine and pharmacy at the Medical College of Virginia.

In his presentation of "A New Approach to the Cholinergic Mechanism," Dr. Cocolas demonstrated his recent research into the chemistry that occurs when a nerve impulse occurs.

Dr. Cocolas is associate professor of medicinal chemistry.

PHARMACIST "OJT" IN CLINICAL PHARMACY AT UNC'S MEMORIAL HOSPITAL

Hospital pharmacists and others interested in this specialty are returning to the campus for "on the job" training at the University of North Carolina's Memorial Hospital in Chapel Hill.

Many innovative concepts have originated in the hospital's pharmacy dealing with unit dose drug distribution, intravenous admixture services and other clinical pharmacy activities. To share these with colleagues, a cooperative plan was developed to allow pharmacists to work directly in Memorial's pharmacy with emphasis on general or specialized areas according to the "student's" desire. These pharmacists may receive this training at no charge for one to five days.

"We are delighted to have the opportunity to assist our fellow pharmacists in what we feel is a progressive and effective program in clinical pharmacy," says Mr. Fred M. Eckel, Director of Memorial's pharmacy services and Assistant Professor of Hospital Pharmacy at the UNC School of Pharmacy. "We leave the choice of the specialty area up to the individual, he may concentrate on one or all facets of our operation," he said.

The immediate response by many North Carolina pharmacists for this training indicates a wide interest in clinical pharmacy and other innovative activities according to Eckel.

DR. WORK NAMED

The National Pharmacy Insurance Council, Washington, D. C., has announced the appointment of Dr. David R. Work, assistant dean of the UNC School of Pharmacy, as a member of its committee on service benefits. In this capacity, Dr. Work will assist in the development of guidelines relating to drug purchasing and utilization under drug insurance benefit programs.

LEGISLATIVE PROPOSALS

(from page 19)

and he shall also pass a satisfactory examination of the Board of Pharmacy. Provided, that any person who has had two years of college training, and has been filling prescriptions in a drugstore or stores in North Carolina under the supervision of a licensed pharmacist for fifteen years or longer, may take the examination as provided above.

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MINUTES OF THE TRIPARTITE COMMITTEE MEETING— JAN. 19, 1971

Reported by STEPHEN CAIOLA, *Secretary*

Committee officers were elected to serve for the period of the 1971 calendar year. They are as follows:

Chairman: Claude U. Paoloni
Vice-Chairman: Jesse M. Pike
Secretary: Stephen M. Caiola

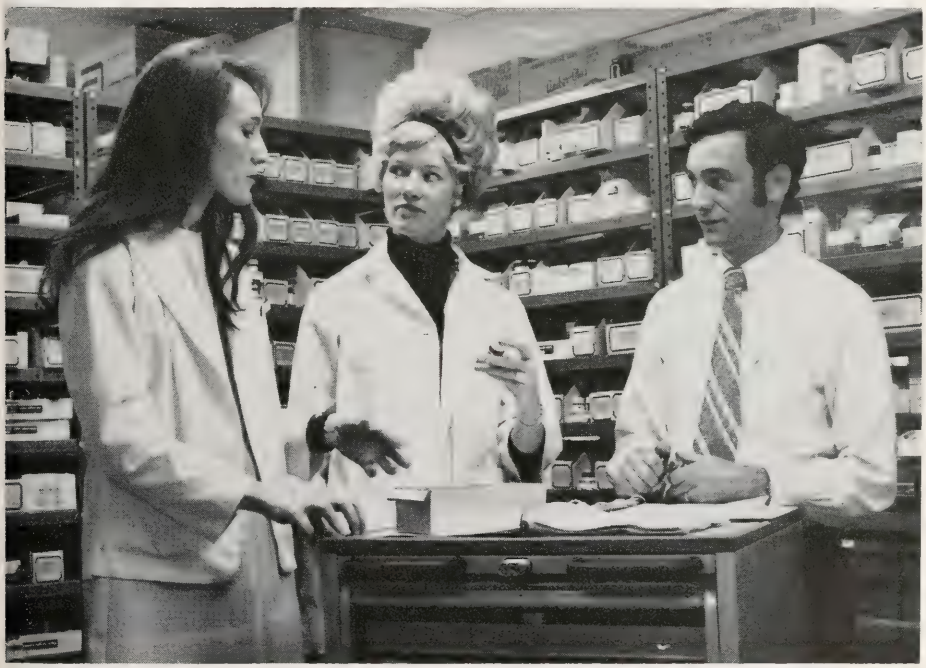
Mr. Paoloni presented the report of the subcommittee to consider implementation of a Preceptor Education Program. A questionnaire was developed to determine if and where the state's pharmacists desired such meeting and if they employed or would employ an extern or intern. The questionnaires were sent to state association members. However, of 1600 sent, only 35 were completed and returned. The results of this questionnaire are presented in Appendix II.

Despite poor response to the questionnaire, it is generally agreed upon that a preceptor educational program is needed. Mr. Paoloni is to determine the feasibility of representatives of this Committee presenting such programs at a number of joint meetings of the state's local pharmaceutical associations. He will report his findings at the Committee's next meeting.

In order to better determine which pharmacies will hire an intern or extern this summer, Mr. McAllister is distributing a questionnaire in the next issue of the Board's NEWS-BULLETIN (Appendix III). Response to this questionnaire will be used by Mr. Werley and Mr. Smith to develop a "placement service" for prospective interns and externs. In this same issue of the NEWS-BULLETIN, pharmacists will be reminded of their professional obligation to train interns and externs in order to maintain and increase their manpower ranks.

Mr. Eckel expressed his concern over the value of a second quarter of internship as a Medication Assistant. Therefore, this coming summer, the practical and academic value of a second quarter of internship as

(concluded on Page 28)



The new unit dose distribution system now in use at the University of North Carolina's Memorial Hospital Pharmacy, is described by Grace Penny, left, to Martha Wyke, a visiting pharmacist from Wake City Memorial Hospital, Raleigh, N. C. David Ayers, a staff member of the Memorial Hospital Pharmacy looks on at right.

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ONE-PRICE-TO-ALL LIST DISTRIBUTED BY MS&D

Merck Sharp & Dohme has distributed a new price list that completes its move to a one-price-to-all policy.

The new list, effective January 15, not only incorporated revisions made during the past year on individual products, but for the first time is applicable to wholesalers as well as to all other MSD customer classes. It thus represents the final step in a move made over the past few years to a uniform pricing policy to all customer classes. The new list applies to wholesalers, hospitals, retailers, chain retailers and physicians.

"This change in our pricing policy has been made only after long and careful deliberation," according to Edward F. Keating, MSD's Director of Trade Relations. "We believe that it will contribute to the orderly distribution of our products and that on balance it will prove to be in the best interests of a majority of our customers."

ECKERD (NC) TO FILE APPLICATION FOR LISTING ON NEW YORK STOCK EXCHANGE

John T. Sullivan, President of Eckerd Drugs, Inc., announced that the company intends to file an application for listing of its Common Stock on the New York Stock Exchange.

Eckerds, whose general offices are located in Charlotte, North Carolina, operates a 124-store retail drug chain in seven Southeastern states. In addition, through two recently acquired subsidiaries, the Deb Shops and Miller's Office Equipment Company, the company is also engaged in the operation of retail women's ready-to-wear stores and the office equipment business.

Ten years ago, Eckerd's operated 26 stores; had sales of $12,352,000 and net earnings of $294,000. For the fiscal year ended March 28, 1970, the company had 113 stores in operation; sales of $92,114,000; and net earnings of $2,789,000. Sales for the current fiscal year will exceed $100,000,000.

"Pharmacy In A Competitive World"

By Louis E. Kazin, *Editor,* NARD Journal

(Continued from Jan. 1971 issue, Carolina Journal of Pharmacy)

We have always believed, and still do that the greatest asset retail pharmacists possess is the professional knowledge they can bring to bear during their customer contacts. In addition to this knowledge there is a high degree of personal association, and we were a little bit surprised, even though faced with only a small number of reports to find that here again shopping centers and suburban drugstores were utilizing these professional and merchandising tools more effectively than their professional associates in other areas.

In prescription department areas, shopping center units appeared to be leading the way in handling patrons, although suburban and urban as well as downtown drugstore units showed real strength.

We didn't receive enough material on rural drugstores to enable us to draw any kind of conclusions, but we did gain the impression that in some of the competitive areas they were not as strong as their associates in other locations. If this is true then it might indicate why small-discount operations in small towns in North Carolina are becoming successful operations.

We believe that a real start has been made by the North Carolina Pharmaceutical Association in this area of developing an all-inclusive low-cost drugstore evaluation program.

We hope that someday the 1,973 pharmacists registered in the state of North Carolina of which total 1,807 practice their profession in retail pharmacy will be able to develop a more comprehensive study program, utilizing the services of the members of the TMA as effectively as possible.

While we continue to probe and alert pharmacists to dangerous competitive situations which may weaken our structure if advantage isn't taken of the basic selling and professional service tools which characterize the successful business and professional person in the country, we don't want to leave this discussion on a negative note.

On the positive side let me just point out that the combined business and professional operation so long associated with the American retail drugstore still continues to confound the experts.

Since the end of World War II which saw the demise of the independent retail grocer and the almost complete domination of the grocery field by supermarkets, market research experts have resolutely marched up to every microphone they could latch onto and in sonorous tones predicted the elimination of all small independently owned retail establishments.

The only thing that would work, they said, in the America of the Fifties and Sixties would be the establishment which offers a production line type of service complete with checkout counters, shopping carts, and impersonal cashiers who never look at the customer, merely at the price of the commodity being checked out.

Make no mistake about it. The super-duper stores have changed the face of many a marketing pattern throughout the United States. It is also true that many a small business operation went under, with the impact of the super-outlets.

However with a degree of persistency which constantly tends to frustrate those who have been predicted the end of the independent retail pharmacist, the community pharmacy has been able to maintain its service and competitive position with the rate of attrition being kept to a minimal amount.

In fact, a recent study indicates that a total of 2,024 new drugstores were opened in 1969. The greatest number of these retail pharmacies were opened in the cities.

"Of course, many of those new stores that opened during 1969 were suburban shopping center located. According to the count made available by this study, the 1969 sum was 634 drugstores or 31.3% of the total. City neighborhoods and business centers, however, outdid those suburban centers

insofar as new stores were concerned. During 1969 there were 759 city-located openings. And that was 37.4% of the total. Trend-wise it appears that city locations have been increasing in share of all new drugstores while the suburban shopping centers have been decreasing.

"While this may be contrary to popular belief, it is probably no more surprising than the fact that the number of stores opened by independents outnumbered those opened by the chains (companies of four-or-more stores) by better than three to one. Of the 2,024 drugstores opened in 1969, 1,568 (77%) were opened by the independents. The chains accounted for the remaining 456 stores (22.5%)."

In view of this report and the results of our North Carolina study we would suggest that pharmacists opening drugstores in urban areas give more attention towards planning and instituting sales training programs as well as the more modern merchandising techniques associated with store layout and the utilization of display and departmentalization procedures.

It is to be expected that the title of our paper would limit the scope of our remarks to the business or merchandising activities within retail pharmacy.

In a certain sense this is a very accurate assumption. Competition within pharmacy deals with such areas as the leasing of departments and the franchising of drugstore operations. You will hear more about that this morning when B. R. Ward discusses franchise operations.

However, we would like to point out that the term "competition" has taken on many meanings in our present-day society.

At one time the word was identified with trade and business activities.

Today, however, "competition" has application among all levels of our society; business, professional, and legislative.

We compete to establish in the minds of men a special preference for our own ideas, philosophy and economic as well as legislative postures.

Far-reaching developments with reference to all these elements of modern-day competition can be found in the growth of legislative activity in the health care fields. Any proposal dealing with the health and welfare services brings to the fore sizable groups of protagonists and antagonists.

Decisions or advocacies of these groups have far-reaching consequences in a society as service oriented as ours. As a result legislative directives concerned with health and welfare improvement may have a direct bearing, not only on the professional aspect of our health care services, but those aspects concerned with business and economic elements of these areas as well.

Let's take one case in point.

In recent months we have heard discussions with reference to the need for establishing a national health insurance program which will provide blanket medical coverage for all Americans. In essence the plan calls for the organization of a group practice structure to serve not only older Americans under medicare but medicaid and private patients as well.

There are numerous definitions of the term "group practice." Stated as simply as possible the major thrust of the proposals call for the gathering together of all persons in the health care disciplines, with some variations due to necessary localized area requirements, under one roof so as to provide the patient with a type of "one-stop-shopping center" for health care services.

In theory all Americans under these proposals will be able to visit a group practice center and receive the finest type of medical care available.

Furthermore, the proponents of these plans point out that such types of all-inclusive services in one physical area will reduce the astronomical costs and provide for the more effective utilization of health care services.

Now, regardless of what euphemism we may employ in describing these projects, the incontrovertible fact is that we're talking about institutionalizing medical care in its entirety.

It is at this point that a logistic competition begins to appear.

In the truest sense we are playing around with the basic economic law of supply and demand.

We know, of course that there is an ever-

increasing need for health care services. In the past these demands have been met within our system by making products, services and facilities conveniently available to the American citizen.

The new proposals call for the removal of services established on an availability basis and arbitrarily replaces them with a centralized treatment institution.

No portion of these remarks should be looked upon as an attempt to hold onto traditional health care services merely because they are "traditional."

Everyone concedes that changes are necessary at all levels of our economic system. However these should be made within a structure which improves, not restricts, current services.

On the other hand, new ideas in themselves should not be accepted merely because they advocate change.

These institutional proposals will confront health authorities with a nightmare of gigantic proportions. Imagine if you will the demands made on a group practice system which requires patients to travel huge distances and wait in long lines for necessary services.

As far as we're concerned, any proposal which calls for the complete institutionalizing of medical care for all Americans can result in a system characterized by a destruction of human dignity, with people being shunted from one line to another waiting countless hours in reception rooms.

The real strength of today's retail pharmacy lies in the fact that the average citizen finds needed pharmaceutical services quickly available to him. The patient is provided with a freedom of choice, while at the same time being in a position to use special services such as delivery and charge account facilities. Furthermore the retail pharmacist supports and strengthens the highly necessary requirement for maintaining a personal physician-patient-pharmacist relationship in health care areas.

In a sense we as retail pharmacists provide the American public with the best example of offering necessary services in terms of area and community needs. The type of reception which characterizes institutions no matter how competent their personnel may be, and any rules they may set forth to guide persons, can only result in establishing a cold and impersonal health care system, when we consider the millions of individuals who will be forced to obtain all their health care needs at this level.

We have been facing government competition for a long time. Any proposals carrying the dangerous potential to do irreparable damage in terms of mental, social, and physical needs to the general public and to our profession as well, requires a strong competitive force to neutralize their impact. It should be noted that some private organizations are also pushing for this group practice concept.

Well, there we are. Any discussion of "Pharmacy In A Competitive World" must of necessity focus attention on the many areas of direct concern to retail pharmacy covering the broadest possible base of economic, professional, social and business interests.

In a sense we are representative of the American free enterprise system which has many strengths and weaknesses but most fortunately our strengths outweigh our inefficiencies.

In all probability because we as pharmacists possess the ability to meet threats which would diminish health care services in our local communities, in a manner which combines the traditions of yesterday with the intelligent acceptance of modern-day professional and merchandising techniques, we can face the future in a competitive world with a feeling of confidence. Our major objective must be to understand our problems and accept an intelligent analyses of all developments affecting not only us as professional pharmacists but as businessmen and citizens of our communities.

Herein lies our strength and herein lies the future of pharmacy.

91st ANNUAL NCPhA CONVENTION

Durham

April 18-20, 1971

DOINGS OF THE AUXILIARIES

•CAPE FEAR—Mrs. J. R. Hickmon

•WINSTON-SALEM—Mrs. G. C. Hartis, Jr.

CAPE FEAR

The monthly meeting of the Cape Fear Valley Pharmaceutical Auxiliary was held on January 20th, at the Green Valley Country Club. After the luncheon, President Mrs. Cody Newton appointed a nominating committee comprised of Mrs. William Thames, Mrs. H. C. Underwood, and Mrs. George Markham, to present a slate of officers for the coming year.

Mrs. James R. Hickmon, Vice-President, introduced the guest speakers, Mrs. William C. Miller and Mrs. Joseph C. Leitinger. Mrs. Miller, Publicity Chairman for Fayetteville Beautiful, told of its two-fold purpose, to clean up and beautify the city. She discussed the projects to be undertaken by Fayetteville Beautiful this year, one being the completion of the Market House Square corner. Other immediate goals of Fayetteville Beautiful include creation of a city rose garden, Arbor Day tree plantings, landscaping school grounds, extensive anti-litter campaign, all culminating in a spring cleaning week. Mrs. Miller stressed the importance of widespread citizen participation in order to have a more beautiful city.

Mrs. Leitinger, who is on the Board of Directors for Hands, showed a film entitled, "This is Fayetteville?" This eighteen minute film showed the lovely as well as the not-so-lovely spots in Fayetteville.

Everyone was urged to do his part in making Fayetteville a more beautiful place to live and work.

WINSTON-SALEM

The Winston-Salem Apothecary Club held its monthly meeting January 7, 1971 at the home of Mrs. W. A. Simmons of 2610 Greencrest Drive with Mrs. J. W. Crane acting as co-hostess.

Mrs. Tom Clark, treasurer, reported on proceeds from the White Elephant Sale which had been held at the Christmas Party on December 3.

Mrs. Denver Lennon, president, read a letter of resolution from the local school board thanking the blue for the MOD packets.

Following the business portion of the meeting, Dr. Bert Kalet, veterinarian, presented an informal program on "Pets in the Home."

It was announced that the February meeting would be held at the home of Mrs. Kent Martin and would begin with a pot luck supper. Guest of honor is to be Mrs. Grover Creech, president of the Woman's Auxiliary of the North Carolina Pharmaceutical Association.

TRIPARTITE COMMITTEE

(from page 23)

a Medication Assistant will be critically evaluated.

Mr. Eckel stated that this spring N. C. Memorial Hospital will train 50 Pharmacy students to be Medication Assistants. However, there are only 20 positions which need to be filled. Therefore, about 40 hospitals in the state were contacted and asked if they would hire N. C. Memorial Hospital trained students. The Committee is in agreement with this approach provided the hospitals utilizing Medication Assistants have the qualified pharmacists necessary to precept the internship.

Mr. Paoloni presented those specific changes he felt should be made in the *N. C. Board of Pharmacy Extern-Internship Program: Notebook and Program Instructions.* The Committee agreed with all proposed changes listed under the *Notebook and Program Instructions* and *Recommendations* sections of the Mr. Paoloni's report. Mr. Paoloni, with the aid of Mr. Werley and Mr. Caiola, is to present a corrected draft of this document to Mr. McAllister for the printing of the next edition.

Messrs. Paoloni, Werley, and Caiola are to review the student and preceptor evaluations which have been turned in during this past year. All suggestions to improve the internship/externship and the notebook will be considered in an attempt to improve both entities. These persons will also review the notebooks turned in over this same period in order to choose the best 1st, 2nd, 3rd, and 4th quarter notebooks presented.

MARRIAGES

Patsy Wall Greenlee and *Hubert Theodore Huggins, Jr.* were married on January 9 in Gastonia. Mr. Huggins is a graduate of the University of North Carolina Pharmacy School and is a pharmacist with Rhyne Drug Co.

Mary Cathryn Hodgin and *William Alexander Morton,* both of Wilmington, were married on January 8th. After a trip to Western North Carolina, the couple will live in Wilmington where Mr. Morton practices pharmacy.

Miss Anne Marie Hoffner and *Donald Judd Smith* were married Christmas Day at Boulevard United Methodist Church of Statesville. The groom, a UNC School of Pharmacy graduate, is employed at Forest Heights Pharmacy, Statesville, where the couple will make their home.

DEATHS

W. L. Stone

Wilbert L. Stone, a pharmacist associate of the L. W. Henderson Drug Store, Franklinton, for many years, died January 20 at Duke Medical Center in Durham.

Guy Kirby, Jr.

Guy Smith Kirby, Jr., 71, retired Marion pharmacist, died January 7 in Marion General Hospital.

He was a graduate of Davidson College and the University of North Carolina where he was a member of Kappa Psi Pharmacy Fraternity.

Winfield Talton

Winfield Talton, 66, owner of Talton Drug Store, Angier, died January 27.

NORTH EASTERN CAROLINA PHARMACEUTICAL SOCIETY

Reported by Welch M. Batten

The North Eastern Carolina Pharmaceutical Society met Tuesday night, Feb. 10, 1971 at the Roanoke Country Club, Williamston, N. C. Thirty-one members and guests were present for a fine dinner and business meeting.

The nominating committee presented the following names to the club membership, as officers for 1971, and were elected unanimously:

President: Gerald May, Washington, N. C.

Vice-President: Welch M. Batten, Williamston, N. C.

Secretary-Treasurer: W. P. (Bud) O'Neal, Jr., Belhaven, N. C.

The club was exceptionally fortunate in having as its guest speaker, Mr. H. C. McAllister, Secretary-Treasurer of the North Carolina Board of Pharmacy. Mr. McAllister discussed new Federal drug laws and regulations which will take effect May 1, 1971, and how some of our State laws will be affected. Also discussed were potential state laws and possible amendments to present laws.

The business meeting was lengthy but Mr. McAllister presented one of the most interesting and informative programs in quite some time.

President Russell Cowan dismissed the meeting with thanks for the assistance he received from each member of the club, enabling him to have a very successful year.

SAUNDERS & WATTS WIN PEAC AWARD

For their outstanding drug abuse information programs, two Burlington pharmacists—Walter Saunders and Jack Watts—have been declared winners of the 1970 APhA Public Education Award, which includes

(1) An expense-paid trip to California where the award will be presented at the APhA Annual Convention.

(2) $500 in cash to be shared by the two pharmacists.

(3) An inscribed trophy for each pharmacist.

Mr. Saunders is chief pharmacist at Alamance Memorial Hospital and Mr. Watts is a medical service representative for Eli Lilly & Company. Over the past three years, the two pharmacists have been exceedingly active in the public relations field, particularly in the area of drug abuse information programs.

The PEAC Award is sponsored by Pfizer, Inc.

Institutional Pharmacy Practice

Maynard S. Newman

Parenteral hyperalimentation therapy can be defined as the intravenous administration of adequate amounts of nutrition not only sufficient to maintain basic metabolism but to provide enough energy and protein to promote tissue synthesis and growth. In addition to a high concentration of glucose and protein (protein hydrolysates) a hyperalimentation solution should contain essential minerals, vitamins and electrolytes to meet the specific requirements of the recipient. The hypertonicity of a hyperalimentation formula dictates the use of special administrative techniques in order to maintain healthy conditions. In adults, a catheter is usually introduced into a subclavian vein and threaded into the superior vena cava. Since infants generally have rather undeveloped subclavian veins, the insertion is made either into the external or internal jugular vein and then threaded into the large superior vena cava. Administration of the solution into a large vein which provides immediate dilution avoids the adverse reactions associated with the administration of a hypertonic solution. To achieve the desired effects of parenteral hyperalimentation, the solution is generally administered over a 24-hour period. By doing so, the caloric value presented by the glucose present is adequate to provide energy while sparing the protein hydrolysates for protein synthesis.

Using the basic formula illustrated in Table 1, Dudrick and Wilmore at the University of Pennsylvania, have promoted growth, development of tissues, and produced a positive nitrogen balance in patients with obstructing lesions of the gastrointestinal tract, those with inflammatory lesions of the bowel, as well as, patients who have undergone massive bowel surgery. Even infants with congenital gastrointestinal abnormalities have been kept alive with the use of hyperalimentation therapy.[1, 2, 3]

Filler, at Harvard University, has reported the successful use of hyperalimentation therapy in 14 infants less than two months of age with varying problems including chronic intestinal obstruction, bowel fistulas, and chronic diarrhea.[4] Although his formula is designed for this age group, it bares a basic similarity to the formula employed by Dudrick (Tables 2 & 3).

Another formula variation is seen in the

TABLE 1. *Composition of Daily Average Adult Nutrient Solution*

Water	2500-3500 mL.	Vitamin A	5,000-10,000 U.S.P. units
Protein Hydrolysates (Amino acids)	100-130 Gm.	Vitamin D	500-1,000
Nitrogen	12-20 Gm.	Vitamin E	2.5-5.0 I.U.
Carbohydrate (Dextrose)	525-750 Gm.	Vitamin C	250-500 mg.
Calories	2500-3500 Kcal	Thiamine	25-50 mg.
Sodium	125-150 mEq	Riboflavin	5-10 mg.
Potassium	75-120 mEq	Pyridoxine	7.5-15 mg.
Magnesium	4-8 mEq	Niacin	50-100 mg.
		Pantothenic acid	12.5-25 mg.

Calcium and phosphorus are added to the solution as indicated.

Iron is added to the solution, given intramuscularly in depot form as iron-dextran, or given via blood transfusion as indicated.

Vitamin B_{12}, vitamin K, and folic acid are given intramuscularly or added to the solution for intravenous administration as indicated.

Trace elements such as zinc, copper, manganese, cobalt, and iodine are added only after total intravenous therapy exceeds one month. Alternatively, one unit of plasma twice a week will provide required amounts of trace elements.

Table 2. *Composition of the Infusate.*

Constituent	Amount (Ml)
Fibrin hydrolysate (5%)-dextrose (5%)*	1000.0
Dextrose (50%)*	500.0
Potassium phosphate (2 m Eq/ml)	3.0
Magnesium sulfate (10%)	1.25
Calcium gluconate (10%)	15.0
Phytonadione (AquaMephyton) (0.2 mg/ml)	1.5
Vitamin B_{12} (10 μg/ml)	1.0
Multivitamin infusion (MVI)†	1.5

*Abbott Laboratories, N. Chicago, Ill.
†U.S. Vitamin & Pharmaceutical Corp., N.Y., N.Y.

Table 3. *Concentration of Nutrients and Minerals in the Infusate.*

Constituent	Content/Liter
Protein (as amino acid)	33 gm
Glucose	200 gm
Sodium*	5 mEq.
Potassium*	16 mEq.
Chloride*	11.7 mEq.
Calcium	183 mg
Magnesium	30.6 mg
Phosphorus	67 mg

*Further adjusted at bedside.

work by Mitchner and Law at the University of New Mexico. In treating primarily pediatric patients, they have had equal success with the use of hyperalimentation.[5] As can be seen by their basic formula, each individual patient's need may be met by utilizing the reasonable requirements of nutriments based on weight of the patient (Table 4).

Regardless of the formula employed, administration of hyperalimentation solutions has its shortcomings and hazards. All three groups of researchers mentioned above agree that daily determination of patient weight, fluid balance, urine sugar concentrations and regular serum electrolyte are basic guides for safe use of hyperalimentation therapy. A concluding article will present some of the complication seen with the use of hyperalimentation therapy. It will also suggest how a hospital pharmacist may play an important role in the preparation and safe use of hyperalimentation solution as a means of nutrition.

References

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2. Dudrick, S. J., Wilmore, D. W., Vars, H. M., and Rhoads, J. E.: Can intravenous feeding as the sole means of nutrition support growth in the child and restore weight loss in an adult?—An affirmative answer. *Ann. Surg.*, 169:974, 1969.
3. Dudrick, S. J., Wilmore, D. W., Vars, H. M., and Rhoads, J. E.: Long-term total parenteral nutrition with growth, development, and positive nitrogen balance. *Surgery*, Vol. 64, No. 1, pp. 134-142.
4. Filler, R. M., Eraklis, A. J., Rubin, V. G., and Das, J. B.: Long-term total parenteral nutrition in infants. *New Eng. J. Med.*, 281:589, 1969.
5. Michener, W. M., Law, D.: Parenteral Nutrition: the age of the catheter. *Pediatric Clinics of North America*, Vol. 17, No. 2, May, 1970.

TABLE 4. *Basic Nutrient Solution Calculations*

NUTRIENT*	REASONABLE REQUIREMENTS (per kg. per 24 hours)								
	H_2O 150 ml.	Na^+ 5 mEq.	K^+ 4 mEq.	Ca^{++} 4 mEq.	Mg^{++} 2 mEq.	$PO_4^{=}$ 6 mEq.	Calories 140	CHO	Protein 4 gm.
5% protein hydrolysate	80.0	3.0	1.5	0.5	0.15	2.5	32	4	4
50% dextrose in water	60.0						120	30	
Magnesium sulfate (1 Gm/2 ml)	0.24				1.9				
Potassium phosphate (2 mEq/ml)	1.8		3.5			3.5			
Calcium gluconate (10%)	8.0			3.6					
Sodium chloride (3 mEq./ml.)	0.6	2.4							
TOTAL	150.64	5.4	5.0	4.1	2.05	6.0	152	34	4
Example: 7 kg. child									
5% protein hydrolysate	560.0	21.0	10.5	3.5	1.05	17.5	224	28	28
50% dextrose in water	420.0						840	210	
Magnesium sulfate	1.6				13.3				
Potassium phosphate	12.6		24.5			24.5			
Calcium gluconate	56.0			25.2					
Sodium chloride (3 mEq./ml.)	4.2	16.8							
Multivitamins	3.0								
Vitamin K	1.0								
TOTAL	1008.4	37.8	35.0	28.7	14.35	42.0	1064	238	28

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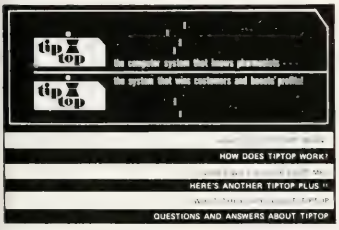

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The Carolina JOURNAL OF PHARMACY

Volume LII March 1971 Number 3

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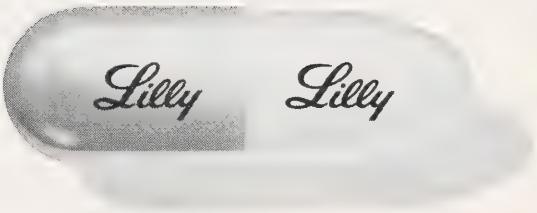
91st Annual Convention

North Carolina Pharmaceutical Association
Women's Auxiliary, NCPhA
Traveling Men's Auxiliary, NCPhA

Durham, North Carolina
April 18-19-20, 1971

PROGRAM



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Vol. LII No. 3

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The Carolina Journal of Pharmacy is published monthly by the N. C. Pharmaceutical Association, Box 151, Chapel Hill, N. C. Subscription rate: $3.00 a year; single copy, 25 cents. Second class postage paid at Chapel Hill, North Carolina 27514.

Convention

North Carolina Pharmaceutical Association
Women's Auxiliary, NCPhA
Traveling Men's Auxiliary, NCPhA

Durham, North Carolina
April 18-19-20, 1971

CONVENTION-IN-BRIEF

(All events at Durham Hotel unless otherwise noted.)

SUNDAY, APRIL 18

1:00 p.m.—Registration—Mezzanine
1:00 p.m.—Meeting—N. C. Pharmacy Political Action Committee. Wedgwood Room
2:00 p.m.—Meeting—N. C. Society of Hospital Pharmacists—Wedgwood Room
3:00 p.m.—Awards Session—Washington Duke Ballroom
4:00 p.m.—Reception—Washington Duke Ballroom
7:00 p.m.—Dinner* and Opening Session of General Convention—University Ballroom

MONDAY, APRIL 19

9:00 a.m.—NCPhA Business Session—Washington Duke Ballroom
10:00 a.m.—Golf Tournament—Hillandale Country Club (Greens fees by Owens-Illinois.)
10:45 a.m.—Woman's Auxiliary Tour followed by Luncheon (courtesy Long Meadow Farms, Inc.) at Colonial Inn, Hillsborough
12:30 p.m.—NCPhA Luncheon for Past-Presidents—Wedgwood Room
2:00 p.m.—NCPhA Business Session—Washington Duke Ballroom
6:00 p.m.—Cocktail-Dance—University Ballroom (sponsored by the Wholesale Druggists of North Carolina)

TUESDAY, APRIL 20

9:00 a.m.—NCPhA Business Session—Washington Duke Ballroom
9:00 a.m.—Woman's Auxiliary Coffee and Business Session—University Ballroom
11:30 a.m.—TMA Business Session—University Ballroom
12:30 p.m.—Woman's Auxiliary Tour and Luncheon (courtesy Sealtest Foods) at Carolina Inn, Chapel Hill
1:00 p.m.—Kappa Psi Luncheon. The Palms Restaurant
2:00 p.m.—NCPhA Business Session—Washington Duke Ballroom
6:30 p.m.—Barbecue-Brunswick Stew Dinner*—Durham Civic Center
8:00 p.m.—TMA Entertainment—Durham Civic Center
10:00 p.m.—TMA Dance—Durham Hotel, University Ballroom

*Reservations through NCPhA office or registration desk

91st ANNUAL MEETING NORTH CAROLINA PHARMACEUTICAL ASSOC.

Durham Hotel, Durham, North Carolina
Sunday-Tuesday, April 18-20, 1971

Sunday, April 18

PRE-CONVENTION ACTIVITIES

1:00 p.m.—Registration opens—Mezzanine
1:00 p.m.—Meeting of N. C. Pharmacy Political Action Committee. Wedgwood Room
2:00 p.m.—Meeting—N. C. Society of Hospital Pharmacists—Wedgwood Room
3:00 p.m.—Awards Session—Washington Duke Ballroom

Recognitions:
50+ Certificate Recipients
Bowl of Hygeia Award
Don Blanton Award
Speaker of the House
Internship
Drug Abuse Activities
Presidential Awards

4:00 p.m.—Reception—Washington Duke Ballroom

Sunday, April 18

7:00 p.m.
University Ballroom

CONVENTION OPENING SESSION AND DINNER PROGRAM

WILLIAM P. WELLS, Convention Chairman, Presiding

CALL TO ORDER

N. C. Pharmaceutical Association—B. Cade Brooks, President
Woman's Auxiliary, NCPhA—Mrs. W. Grover Creech, President
Traveling Men's Auxiliary—C. Rush Hamrick, President

INVOCATION
WELCOME TO DURHAM

The Honorable R. Wense Grabarek, Mayor of the City of Durham

ADDRESS

Fred A. Coe, Jr., President, Burroughs Wellcome Company

Introduction of Pharmacists associated with Burroughs Wellcome by Congressman Walter Jones

Monday, April 19

Morning session, 9:00,
Washington Duke Ballroom
B. Cade Brooks, Presiding

Rite of the Roses
NCPhA President's Address

B. Cade Brooks

Reports:

UNC SCHOOL OF PHARMACY—George P. Hager, Dean
N. C. PHARMACEUTICAL RESEARCH FOUNDATION—Charles Blanton, Jr., President

"Pharmacy Practice in a Community Health Clinic"

Robert J. Allen, Instructor in Clinical Pharmacy, UNC School of Pharmacy

"Physician-Pharmacist Involvement—'71"

Dr. John Robert Kernodle, Trustee American Medical Association

Address

Nick Avellone, President National Association of Retail Druggists

Monday, April 19

Afternoon session, 2:00,
Washington Duke Ballroom
John C. Hood, Jr., President-elect, Presiding

Reports:

North Carolina Board of Pharmacy—H. C. McAllister, Secretary-Treasurer
Consolidated Pharmacy Fund—Robert B. Hall, Chairman
NCPhA/Institute Endowment Fund—Hoy A. Moose, Chairman

PANEL: North Carolina Pharmacy Issues & Involvement—1971

Donald Miller, Moderator

SUBJECT	PANELIST
Advertising Rx Drugs	John C. Hood, Jr.
Public Display of Contraceptives	
Medicaid Rx Program	Frank Yarborough
The Expanding Role of the Consultant Pharmacist	James W. Adams
Continuing Education—N. C. Program	Claude U. Paoloni
R.Ph. or P.D. or Pharm.D.?	Whitaker Moose

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David R. Work
Howard Yandle
Charles D. Yoder

Tuesday, April 20

Morning session, 9:00,
Washington Duke Ballroom
Donald Miller,
Second Vice-President, Presiding

INVOCATION

Reports:

Employer/Employee Relations—Eugene Hackney, Member NCPhA Executive Committee

Legislation—W. H. Randall, Chairman Legislative Committee

Address:

"The Big Store Retailing Challenge in the 70's"—Steve Van Osten, Retail Sales Manager, Bureau of Advertising, ANPA, New York

Address:

"The Controlled Substances Act & The Pharmacist"—Vincent J. Lozowicki, Bureau of Narcotics & Dangerous Drugs

Q & A Period

Tuesday, April 20

Afternoon session, 2:00,
Washington Duke Ballroom
Hubert N. Rogers,
Third Vice-President, Presiding

Report:

North Carolina Pharmaceutical Association —W. J. Smith, Secretary-Treasurer

Panel:

North Carolina Pharmacy Issues & Involvement—1971

Jesse M. Pike, Moderator

SUBJECT	PANELIST
Franchise—The Way To Success	A. Lyle Davis
Personal Prescription Profile	J. D. Whitehead
A Unified Approach to Third Party Rx Billing	David Work
Sub-Professionals	Seth G. Miller
Drugcare—Peoplecare	Tom Burgiss
Political Involvement—A Necessity for Survival	W. H. Wilson

Tuesday Afternoon Session

(continued)

President B. Cade Brooks, Presiding

Greetings:

Woman's Auxiliary—Mrs. W. Grover Creech, President

Traveling Men's Auxiliary—C. Rush Hamrick, President

Reports:

Resolutions Committee—Donald J. Miller, Chairman

Time and Place Committee—

Nominations—W. Dorsey Welch

Registrar—A. H. Mebane III

Officer Installation

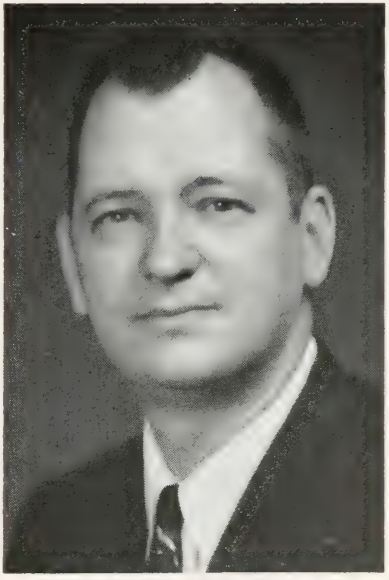
Adjournment

Registration

N. C. Pharmaceutical Association: $10.00 or $5 a day.

Woman's Auxiliary: $5.00

Traveling Men's Auxiliary: $20



A. H. MEBANE
Convention Registrar

Pharmacist A. H. Mebane of Greensboro is the official registrar for the NCPhA and Woman's Auxiliary. J. Floyd Goodrich will register TMA members.

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PROGRAM

SUNDAY, APRIL 18

(All events at Durham Hotel unless otherwise noted.)

1:00 p.m.—Registration—Mezzanine.
3:00 p.m.—Awards Session—Washington Duke Ballroom
4:00 p.m.—Reception—Washington Duke Ballroom
7:00 p.m.—Dinner* and Opening Session of General Convention—University Ballroom

MONDAY, APRIL 19

10:00 a.m.—Golf Tournament—Hillandale Country Club. Greens fees by Owens-Illinois
6:00 p.m.—Cocktail-Dance—sponsored by the Wholesale Druggists of North Carolina—University Ballroom

TUESDAY, APRIL 20

11:30 a.m.—Annual TMA Business Session—University Ballroom
6:30 p.m.—Barbecue-Brunswick Stew Dinner*—Durham Civic Center
8:00 p.m.—TMA Entertainment—Durham Civic Center
10:00 p.m.—TMA Dance—University Ballroom

*Reservations through NCPhA office or registration desk

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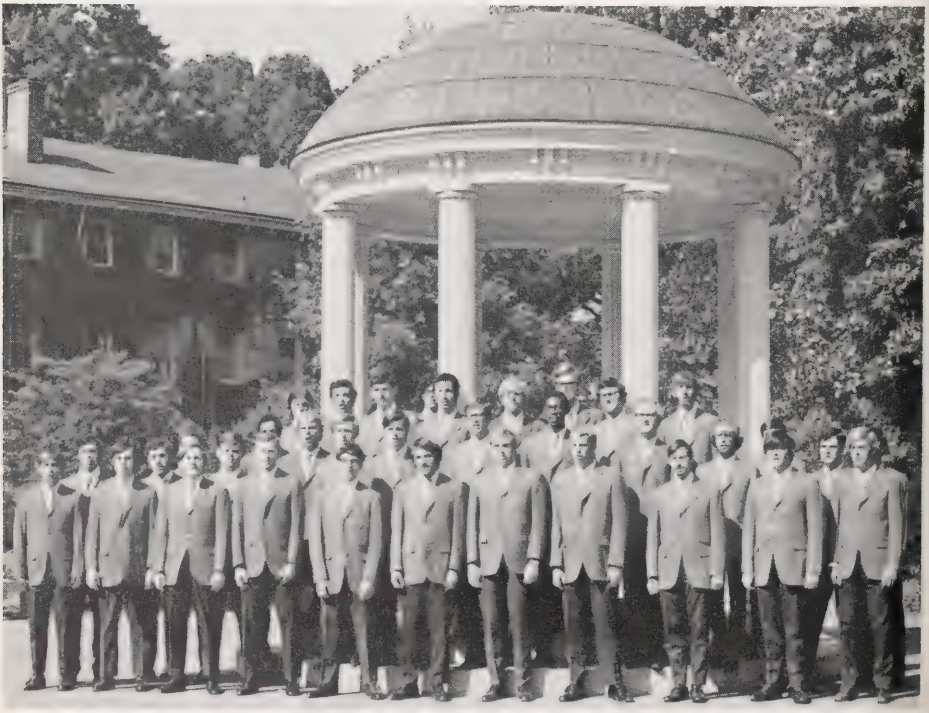

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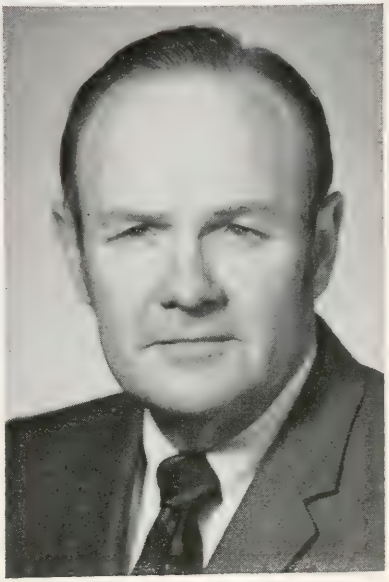
TUESDAY, APRIL 20, 8:00 P.M.
DANCE
DURHAM HOTEL, UNIVERSITY BALLROOM
10:00 P.M.

OPTIONAL: BEGINNING AT 6:30 P.M. IN THE DURHAM CIVIC CENTER, NANCE'S BARBECUE/BRUNSWICK STEW WILL BE SERVED. ADVANCE RESERVATIONS—$3 PER PERSON—REQUIRED. ADMISSION TO THE TMA-SPONSORED SHOW BY BADGE.

This show sponsored by The Traveling Men's Auxiliary of the N. C. Pharmaceutical Association for the entertainment of the Registrants & Guests, 91st Annual Meeting of NCPhA & Affiliated Auxiliaries. Zack Lyon, TMA Entertainment Chairman.

TOM SANDERS, Chairman
Convention Entertainment sponsored by the Wholesale Druggists of North Carolina.



ZACK LYON, Chairman Convention
Entertainment sponsored by the Traveling Men's Auxiliary.

RX COSTS DISCUSSED BY PHARMACIST CLAY

On March 3 Albert S. Clay, pharmacist-owner of Varina Pharmacy of Fuquay-Varina presented a talk to the Senior Citizens Roundtable of Raleigh. He spoke concerning the costs of prescriptions, the senior citizen health program at Varina Pharmacy, and gave them some helpful hints on how to save on the cost of drugs and prescriptions.

The Senior Citizens Roundtable is a group recently organized and sponsored by the Friendly Visitors Project, Inc. It is composed of representatives of the various clubs and organizations of senior citizens in Raleigh and Wake County.

Mr. Clay is also scheduling a program for Drug Action, Inc. which will be presented at their April meeting.

CONVENTION PRIZES

This year a special effort is being made to award some unusual prizes for Convention attendance. Examples are UNC wall plaques (Tar Heels), pharmaceutical clocks, coin collections, $100 rugs and merchandise certificates.

NCPhA badges will be numbered and prizes awarded on basis of attendance at conclusion of each of four NCPhA business sessions. So, wear your Convention badge at all times. In addition to qualifying you to participate in the prize drawing, your badge is your admission ticket to the Convention entertainment and social functions.

Mr. and Mrs. William P. Wells of Durham—NCPhA and Woman's Auxiliary Chairmen for the 91st Annual Meeting of the North Carolina Pharmaceutical Association and Affiliated Auxiliaries—are shown above with their two daughters (left) Janet and (right) Mary Anne.

WOMAN'S AUXILIARY
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Advisor ..... Mrs. Don Chapman, Winston-Salem
Advisor ..... Mrs. W. P. Wells, Durham
Coordinator ..... Mrs. W. J. Smith, Chapel Hill

PROGRAM

(All events at Durham Hotel unless otherwise noted.)

SUNDAY, APRIL 18

1:00 p.m.—Registration—Mezzanine
3:00 p.m.—Awards Session—Washington Duke Ballroom
4:00 p.m.—Reception—Washington Duke Ballroom
7:00 p.m.—Dinner* and Opening Session of General Convention—University Ballroom

MONDAY, APRIL 19

10:00 a.m.—Golf Tournament—Hillandale Country Club (Greens fees by Owens-Illinois.)
10:45 a.m.—Depart for Tour of Bennett Place; Hillsborough; Lunch at Colonial Inn, Hillsborough; return via Duke Gardens (Luncheon courtesy of Long Meadow Farms, Inc.)
6:00 p.m.—Cocktail-Dance—University Ballroom (sponsored by the Wholesale Druggists of North Carolina)

TUESDAY, APRIL 20

9:00 a.m.—Coffee and Business Session—University Ballroom
12:30 p.m.—Depart for Luncheon at Carolina Inn, Chapel Hill (sponsored by Sealtest Foods), tour of Chapel Hill, Research Triangle Park
6:30 p.m.—Barbecue-Brunswick Stew Dinner*—Durham Civic Center
8:00 p.m.—TMA Entertainment—Durham Civic Center
10:00 p.m.—TMA Dance—University Ballroom

*Reservations through NCPhA office or registration desk

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APPRECIATION

The officers of the North Carolina Pharmaceutical Association join with the convention committees in extending their appreciation and gratitude to all persons and firms who contributed to the success of the 1971 annual convention of the N. C. Pharmaceutical Association & Affiliated Auxiliaries, including

COLORCRAFT, INC.—Official Convention Photographers

DURHAM-ORANGE PHARMACEUTICAL SOCIETY—Sponsorship of Woman's Auxiliary Coffee

LONG MEADOW FARMS, INC.—Woman's Auxiliary Luncheon at The Colonial Inn, Hillsborough

NATIONAL PHARMACEUTICAL COUNCIL—Pharmacy Student Sponsorship

OWENS-ILLINOIS GLASS COMPANY—Greens fees, Golf Tournament

PET DAIRY PRODUCTS—Flowers for Sunday evening Dinner

SEALTEST FOODS, INC.—Woman's Auxiliary Luncheon at The Carolina Inn, Chapel Hill

TRAVELING MEN'S AUXILIARY—Sponsorship of Tuesday evening's Entertainment and Dance

WHOLESALE DRUGGISTS OF NORTH CAROLINA—Sponsorship of Monday evening Cocktail-Dance

WOMAN'S AUXILIARY, NCPhA—Drug Abuse Display

YOUNGS DRUG PRODUCTS CORPORATION—Co-sponsorship of Sunday afternoon reception

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"MOST POWERFUL"

A new syndicate polled thirty members of the North Carolina General Assembly to find out who were the 12 most powerful men in the State Legislative Body.

After excluding the Lt. Governor and the Speaker of the House, who were not included in the poll, Pharmacist-Senator John T. Henley of Hope Mills was #1 on the "most powerful" list.

Senator Henley is chairman of the Senate Appropriations Committee.

SALLEY ELECTED

W. Moss Salley, Jr. of Asheville is a newly inducted member of the American College of Apothecaries. The election took place in late February in Dallas, Texas.

SERVE AS NCNB BOARD MEMBERS

A recent report by North Carolina National Bank lists these Board members from Pharmacy:

Greensboro: Stephen T. Forrest, President of Justice Drug Company. Hickory: W. R. McDonald, III, President of Ninth Avenue Pharmacy. Marion: James E. Evans, Owner/Operator of Evans Rexall Drugs. North Wilkesboro: Robert M. Brame, Jr., Owner/Operator Red Cross Pharmacy.

AUMAN SELLS INTEREST IN DRUG STORE

Pharmacist Lester W. Auman, Jr. has sold his half interest in Davidson Drug Store, Denton, to John Lowe of Archdale.

INCORPORATED

Clay's Drugs, Tarboro Shopping Center, Tarboro, has been incorporated by Albert S. Clay, Joyce M. Clay of Fuquay-Varina and H. Dean Bryan of Burgaw.

HATHAWAY, LEDERLE MSR

Robert C. Hathaway, Jr., has joined Lederle Laboratories, a Division of American Cyanamid Company, as a Medical Representative, according to James W. Skinner, Manager, Sales.

Mr. Hathaway and his wife, Shirley, reside at 1828 Rosewood Street, Rocky Mount, North Carolina.

Mr. Hathaway was graduated from Mars Hill College in 1966 and recently completed an intensive training course at Lederle's 550-acre site in Pearl River, New York.

VENDOR PAYMENT—NORTH CAROLINA STATE DEPARTMENT OF SOCIAL SERVICES

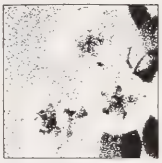
	February		*July 1, 1970–February 28, 1971*	
Service	*Occasions*	*Amount*	*Occasions*	*Amount*
Inpatient	71,839	$2,698,814.73	540,036	$19,227,066.19
Outpatient	22,527	309,126.01	158,023	2,247,072.93
Dental	11,845	628,301.00	154,673	4,442,199.46
Pharmacy	283,759	1,262,665.39	2,084,765	9,244,884.77
Physicians	98,120	1,392,277.06	699,634	9,231,159.78
Nursing Homes	127,977	1,497,245.94	876,480	10,172,854.49
Optical Supplies	4,246	108,342.94	42,060	1,052,288.74
Home Health	1,169	9,237.64	5,657	50,068.05
Mental Hospital			37,118	187,360.08
Total	621,482	$7,906,010.71	4,598,446	$55,854,954.49

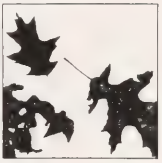
Open season on stuffy noses

Winter viruses, spring allergies, dragging "summer colds," or autumn hay fever—it seems there's always something causing stuffy noses.

But whatever the reason—whatever the season—Privine makes it "open season" on stuffy noses.

Customers want fast relief. And that's what Privine is famous for.





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TAR HEEL DIGEST

SPENCER—Paul Miller of Rowan Drug, Inc. has been appointed a member of the Spencer Library Board.

KINGS MOUNTAIN—Charles Blanton and Wilson Griffin have been elected directors of Lake Montonia Club.

STATESVILLE—Recent speaker at a young adult's banquet at Diamond Hill Baptist Church was Fred Lowry, owner and operator of Lowry Drug Company.

LEXINGTON—Pharmacist Seth Miller discussed some drugs subject to abuse at a February meeting of an all girls organization of St. Timothy's United Methodist Church.

KENANSVILLE—The front entrance to Kenansville Drug Store was partially destroyed when a car knocked out a front plateglass window. In 1963 the pharmacy suffered $2,000 in damages from a similar accident.

WALLACE—Lloyd Whaley of Wallace Drug Company has been reappointed a member of the Duplin County Board of Health.

SALISBURY—Thomas Earl Cobb, chief of pharmacy services at the VA Hospital, has been elected to the American Board of Diplomates in Pharmacy.

CONOVER—A quantity of narcotic drugs were stolen from Duo Drugs in late January in a breakin at the pharmacy. An attempted breakin at nearby Eckerds Drug Store, Catawba Mall, was halted when a night watchman spotted a suspect breaking into the store.

GREENSBORO—William P. Brewer, executive vice-president for sales, Justice Drug Company, has been reelected president of the Greensboro YMCA Metropolitan Board of Directors.

STATESVILLE—As a guest speaker at a recent drug abuse institute sponsored by the Statesville City Schools, Pharmacist Lyle Davis concluded his remarks by stating: "We don't have a drug problem but a people problem."

WINSTON-SALEM—Leslie M. Myers, manager of Reveo Drug Stores, as president of the Better Business Bureau of Winston-Salem, presided at the 11th annual meeting of the organization in early February.

MT. HOLLY—Summey Drug Company has moved to its new location at 127 S. Main Street. The new store, 58 x 80, features fixtures of the latest design and there is parking both in front and behind the pharmacy.

ELIZABETHTOWN—Eugene G. Anderson has announced he has purchased the interest of C. P. Edge in the partnership (Edge-Anderson Drug Store) and that he is now the sole owner and operator. The pharmacy will continue in operation under the name of Anderson's Discount Drug Store.

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STATE BOARD OF PHARMACY

Members—David D. Claytor, Greensboro; Harold V. Day, Spruce Pine; C. E. Page, Jr., Henderson; Jesse M. Pike, Concord; W. H. Randall, Lillington; H. C. McAllister, Secy.-Treas., Box 471, Chapel Hill, N. C.

NEW PHARMACIES

1. SupeRx Drugs, Watauga Shopping Center, Boone. Herbert Gladden, pharmacist-manager.
2. Shady Haven Pharmacy, Highway 117, Business South, Burgaw. Robert Bishop, pharmacist-manager.
3. Scottie Drug Store, 110 S. Steel Street, Sanford. Wayne Keith, pharmacist-manager.
4. Scottie Drug Store, 210 S. Lafayette Street, Shelby. Sherwood Tate, pharmacist-manager.

CHANGE IN OWNERSHIP

1. Drug Lo Stores, 639 Broad Street, Durham. Stroud Brewer, pharmacist-manager. Formerly Brewer Drugs.
2. Young's Drug Store, Leicester Highway, Leicester. David L. Milligan, pharmacist-manager and owner.

RECIPROCITIES

Robert Melton Beck—W. Va.
Nathan Wallace Blackmore—Ind.
Raymond Franklin James—S. C.
Harold Eugene Lance—Ga.
Robert Edward Lewis—Texas
David Waugh Massengill—Tenn.
William Sawyer Mellon—Mass.
Janet Belflower—Md.

FIRE DAMAGES WILMINGTON PHARMACY

People's Drug Store, Wilmington, was partially destroyed by fire during the early February riots which necessitated the National Guard being called into the city.

Arsonists set off fire bombs in the adjoining Carney's Food Market and the resulting fire spread to the next door pharmacy.

Morris E. Merritt is the pharmacist, owner /operator of People's Drug Store.

LICENSE REVOKED

John E. Cameron of Grifton, on March 17, was put on a two-year probation and his license to practice pharmacy voided for 30 days by the N. C. Board of Pharmacy.

The action resulted from improper record keeping on the part of Pharmacist Cameron. He must appear before the Board at the Board's request to assure that certain conditions are being met during the next two years.

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PRELIMINARY ANALYSIS OF THE NORTH CAROLINA DANGEROUS DRUG ACT

Prepared for the North Carolina Pharmaceutical Association
David R. Work, J.D.

This is an analysis of legislation introduced in the North Carolina House of Representatives on February 24th, 1971, by Representatives Beatty and Barker. This legislation consists of 72 pages which repeals the present Narcotic Drug Act and the Barbiturate and Stimulant Drugs Act. It would replace these laws with the North Carolina Dangerous Drug Act and add the Electronic Surveillance Act to our statutes. Because of the importance of drug legislation to pharmacists and the desire to obtain an analysis at the earliest possible date, this writing is preliminary in the sense that other points may be necessary at a later date.

A new state law pertaining to drugs may be needed in view of the new federal law on the subject. All those connected with pharmacy should be prepared to present their views on this legislation. Only by making these opinions public and working in a cooperative manner with other interested persons, can the best law evolve. Harmony between state law and other laws relating to drugs would be helpful in providing the most efficient and least confusing situation.

In order to give all interested persons an opportunity to present their views, complete hearings should be held. Adequate time to prepare for these hearings is only fair and every effort is necessary to obtain a sufficient interim period.

Comments are listed in order of appearance in the bill and not in order of priority. Please note that the Electronic Surveillance Act appears near the end of the analysis only for this reason.

TITLE OF ACT

Any pharmacist, physician or nurse could accurately predict the patients reaction upon discovery that a prescription is governed by the North Carolina Dangerous Drug Act. Most would question the integrity of the practitioner, be he pharmacist, physician or nurse, for having anything to do with such a substance. Several of these drugs are used to treat emotional problems (meprobamate, phenobarbital) and branding these as dangerous is unnecessary and could very well be detrimental to the patient.

Some, of course, would say that certain drugs are more dangerous than others and should receive a more perilous label. This avoids the fact that all foreign substances introduced into a living system produce some degree of risk and to classify some as dangerous is redundant.

Federal legislation uses the term "Drug" in its title (the Comprehensive Drug Abuse Prevention and Control Act of 1970) but omits the word "dangerous." The National Conference of Commissioners on Uniform State Laws has approved and recommended for enactment, the Uniform Controlled Substances Act. It is interesting to note that neither of the above acts, after serious deliberations, contain the word "dangerous" in their titles.

The title is misleading in that what is controlled is a "substance," 90-87 (e). Since a substance has a much broader definition than a drug, the title would be more accurate if it contained the word substance.

Many of the drugs listed in the Schedules have been approved for marketing by the Federal Food and Drug Administration. One of the FDA requirements is that a drug be demonstrated to be safe before such approval is given. This would result in these drugs being declared safe under federal law but considered dangerous under North Carolina law. This is, to say the least, an awkward position and should be avoided.

(Continued on Page 27)

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Suggested Alternative: The North Carolina Controlled Substances Act would be more appropriate as a title.

DEFINITIONS 90-87

There are several potential problems with definitions which need resolution. Definitions are very important in legislation because whenever a term is used in the act reference must be made to this section to determine the effect of that particular clause.

Administer, under the present bill means to "deliver." Federal law defines Administer as "direct application." The only conclusion that can be drawn is that the term means something different in the state legislation.

Distribute, under the present bill means to "transfer," while in the federal act it means to "deliver." Since deliver is used in the state act definition of "Administer" and in the federal act for the term "Distribute," is this the same activity?

Adding to the confusion, Dispense under the bill is defined, to "distribute" and for federal purposes, to "deliver." The possible problems are obvious and resolution would be most helpful.

Practitioner is defined in the bill in a manner very similar to federal law. Problems arise from the inclusion of too many persons, both individuals and institutions, in one section of the definition. When this definition is applied to a later section of the bill, potential problems arise.

In Section 90-101 (a, b), apparently intended to require a written prescription for certain drugs and limit refills on others, the word practitioner is used in this way: "Except when dispensed directly by a practitioner, other than a pharmacist . . . , no controlled dangerous substance . . . may be dispensed" without a prescription. This implies or permits the dispensing of drugs by a hospital in the same manner as a physician—without a prescription or order or refill limitation.

SUGGESTED ALTERNATIVE

Adhere to the definitions of Administer, Dispense and Distribute found in the federal act. (The Uniform Controlled Substances Act also follows the federal definitions for these terms.)

Replace the definition of practitioner with that in the Uniform Controlled Substances Act, Article 1, Section 101 (t).

"Practitioner" means:

(1) A physician, dentist, veterinarian, scientific investigator, or other person licensed, registered or otherwise permitted to distribute, dispense, conduct research with respect to or to administer a controlled substance in the course of professional practice or research in this State.

(2) A pharmacy, hospital or other institution licensed, registered, or otherwise permitted to distribute, dispense, conduct research with respect to or to administer a controlled substance in the course of professional practice or research in this State.

AUTHORITY TO CONTROL—90-88

The bill sets up five Schedules similar to the federal law. In its present form the content of Schedules is very similar to the federal act and assurances have been given that any discrepancies will be rectified by committee amendment.

Authority to control the drugs in these Schedules has been assigned to the North Carolina State Board of Health. This is an important power and the medical professions must be able to live with the Boards decisions. If another agency would be more appropriate, such feelings should be made known in the near future during committee hearings.

(Continued on Page 29)

Information on DRUG INTERACTION important to every pharmacist

More than a mere compilation of reported drug interactions, this booklet provides a fuller understanding of *how* and *why* drug interactions occur. Its purpose is to help you anticipate such situations and to aid you in your role as the physician's advisor in the prevention and management of drug interaction problems.

This booklet reflects Lederle's continuing commitment to support the efforts of pharmacy in gathering and disseminating information regarding drug interaction.

Mr. Gale Smith,
Manager, Customer Relations
LEDERLE LABORATORIES
Pearl River, New York 10965

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382 1

PHARMACISTS DUTIES IN SELLING SCHEDULE V SUBSTANCES 90-93 (a) (3,4)

The bill imposes several duties on pharmacists in selling Schedule V substances at retail without a prescription: (Schedule V substances would include Paregoric and several other preparations which are now exempt narcotics).

These duties include:

1. Sale only by a pharmacist and not by a non-pharmacist, although the cash, credit transaction or delivery may be completed by a non-pharmacist.

2. The pharmacist must exercise professional discretion in the sale of these substances.

3. The purchaser must be at least 18 years of age and suitable identification is required, including proof of age when appropriate.

4. The name and address of purchaser must be entered in the record.

These duties are currently present in federal narcotic regulations and no great change in responsibility is anticipated.

REGISTRATION WITH THE NORTH CAROLINA DEPARTMENT OF JUSTICE 90-96

Registration with the Department of Justice is required for those not specifically exempted. Pharmacists have an exemption, 90-96 (e) (4), as a practitioner licensed in the state. Unless other registrations are required in the future, no additional registry requirements are anticipated by this act.

PRESCRIPTIONS AND LABELING 90-101

Problems arise from this section, in the first instance from the definition of practitioner (see page 3 of this analysis). In your authors opinion 90-101 (a,b) could very easily be interpreted as permitting hospitals to dispense drugs without a prescription or order and with no refill limitation.

Section 90-101 (d) provides for compliance with labeling regulations promulgated by the federal government or the North Carolina Department of Justice. As most pharmacists and other health professionals know, labeling consists of printed matter on the package and all other printed material which accompanies the item. Labeling usually includes the labels on the container, on any box or wrapping and the package insert. This calls for a degree of expertise in medical matters now absent from the North Carolina Department of Justice. Prudent judgement would indicate, at least, the sharing of responsibility with a medically trained group.

Suggested Alternative

1. Change the definition of Practitioner.

2. At the minimum, joint responsibility among the Department of Justice and the Board of Pharmacy.

ELECTRONIC SURVEILLANCE ACT 8-92

The Electronic Surveillance Act is intended to aid the enforcement of this (and other) laws and may be justified. Representatives of the Drug Study Commission have stated that this wire-tapping act is aimed at the organized crime aspect of drug traffic. If this is true, then few if any, instances of board licensed professionals would be involved in such activity. It follows, then, that these professionals should not be subject to wiretapping procedures for the purpose of detection and prosecution of organized crime.

Patients should be particularly concerned over this measure. If a wiretap were installed on the telephone of a physician or hospital, many otherwise privileged communications would be subject to unknown listeners.

Suggested Alternative

The strongest possible recommendation is suggested that there be an exception by amendment to this act for licensed practitioners, similar to that for registration with the North Carolina Department of Justice in 90-96 (e) (4).

(Concluded on Page 35)

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HOWSAM, BW EXECUTIVE, GUEST SPEAKER AT DURHAM-ORANGE MEETING

Guest speaker at the March 8 meeting of the Durham-Orange Pharmaceutical Association meeting was Peter S. Howsam, Vice President of Marketing, Burroughs Wellcome & Company.

The meeting, held in Chapel Hill at the newly renovated Carolina Inn, was attended by pharmacists from Durham and Orange Counties plus guest representatives from BW & Co.

Mr. Howsam outlined the historical background of the company, some of the decisions which resulted in the company moving to North Carolina, plans for the future and concluded with slide illustrations of the Greenville production facilities and the research/administrative headquarters in Research Triangle.

At present, the administrative headquarters are located in Raleigh in the former headquarters of State Capital Life (merged with Durham Life) but will move to Research Triangle Park in the early fall.

BUSBEE NAMED TO COUNTY PLANNING BOARD

John A. Busbee, owner-manager of Busbee's Pharmacy, Claremont, has been named a member of the Catawba County Planning Board.

A graduate of the USC School of Pharmacy, Mr. Busbee moved to Claremont in 1953 as owner of the Claremont Pharmacy and, in 1961, when the pharmacy was moved, there was a name change to Busbee's Pharmacy.

He has associated with him a son, Bobby, also a graduate of the School of Pharmacy, USC.

BIRTHS

Mr. and Mrs. Larry J. Warren of Garner announce the birth of a baby girl, Caroline Lynn, 5 lbs, 12½ ozs., on February 23. Mrs. Warren is the former Geneva Faye Buffaloe of Garner. Mr. Warren is pharmacist at Mitchell's Pharmacy, Cary, and T. E. Holding Drugs, Wake Forest.

Dear Mr. Smith:

Thank you for your interest in my recent business problem concerning non-payment of theft claim by Nationwide Insurance Co.

Your insertion of this fact in the "Tar Heel Digest" resulted in the error being corrected by the aforementioned insurance company.

Mr. J. F. Duncan personally delivered a check to me for the total theft amount and explained completely my coverage.

I thought you might like the information to follow up the "Tar Heel Digest" report.

Thank you again for your interest.

Sincerely,
s/s Robert L. Hood
Pink Hill

P.S. I have renewed my coverage with Nationwide.

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Hostesses-faculty for the 1971 Seminar for Pharmacy Wives which was held February 9-11, 14 in Chapel Hill. Left to right: Mrs. George Holcomb; Mrs. Weaver Kirkpatrick, president of Pharmacy Wives; Mrs. William C. Friday, Mrs. Kay Kyser.

Male participants in the Pharmacy Wives Seminar included B. Cade Brooks, NCPhA president, who brought the invocation; Senator John T. Henley, speaker; W. J. Smith, who introduced Mr. Henley.

1971 SEMINAR FOR PHARMACY STUDENT WIVES

An imposing array of faculty participated in the Seminar for Pharmacy Wives, held in Chapel Hill for wives of students of the UNC School of Pharmacy.

Mrs. William C. Friday opened her home for the initial session of the Seminar; Mrs. Kay Kyser was hostess for the second evening's session; Mrs. George Holcomb entertained at her home the third evening. Senator John T. Henley was speaker for the Sweetheart Dinner which closed the Seminar, and to which the student husbands had been invited.

The Seminar had as its purpose the preparation of student wives for their roles as wives of professional men. Each program was geared to the interests and needs of a young couple starting out in a community. The basic format each evening centered around the different types of entertaining, including decorations, table settings, and menus. A topic for discussion on the third evening was opportunities for personal fulfillment at every stage in life. The "students" discussed dual roles as young homemakers and mothers involved in community service.

Senator Henley used as his theme—in keeping with the Valentine motif—*love* of community, *love* of profession, and *love* of home.

Certificates of attendance were presented by Mrs. W. Grover Creech, president of the Woman's Auxiliary. B. Cade Brooks, NCPhA president, brought the invocation preceding the dinner. Presiding at the dinner meeting were Mrs. W. P. Wells, Seminar Chairman, and Mrs. Weaver Kirkpatrick, president of Pharmacy Wives.

Senator Henley was introduced by W. J. Smith, executive director of the NCPhA. Members of the Woman's Auxiliary Executive Board and their husbands were special quests, as were Deans Lee Werley and David Work of the UNC School of Pharmacy, and their wives.

Mrs. Weaver Kirkpatrick receiving her certificate of attendance at the 1971 Pharmacy Wives Seminar from Mrs. Grover Creech, NCPhA Woman's Auxiliary president. Mrs. W. P. Wells, Seminar Chairman, looks on.

UNC PHARMACY SCHOOL NOTES

UNC'S PHARMACY GRADUATES LOOK TO THE FUTURE

A survey of 119 graduating seniors in the School of Pharmacy, UNC-Chapel Hill, showed that the 1971 graduates in pharmacy are fully aware of the rapidly changing role of the pharmacist in society. Moreover, they relate with the pharmacist's changing role considerable benefits to society and to the pharmacist as well.

When asked about the pharmacist's role in the next twenty-five years, 60% of the students indicated a "great change" and another 38% indicated a "considerable change." Only three students thought that the pharmacist's role would continue "nearly the same" as before.

None of the students felt that benefits to society would decrease as a result of the pharmacist's changing role while 40% felt that these benefits will be "somewhat greater" and 58%, "much greater." Moreover, benefits to the pharmacist will be realized as a result of his changing role according to the expectations of 88% of the students ("somewhat greater"—43%; "much greater"—45%). A few (4%) thought that the pharmacist would suffer somewhat while 8% thought that his situation would remain unchanged.

There was close agreement among male and female students with respect to the changing role of the pharmacist and the resulting increased benefits to society and to the pharmacist.

About one-half of the students (male and female) felt that the employment outlook for the 1971 pharmacy graduates will not be as good as last year. A few (8%) felt that the outlook would be better than last year. The average salary expectation after the first year of practice was estimated by the students as $12,239 annually. The women students appeared to expect a slightly lower annual income after the first year ($11,879) than the men ($12,388).

Two-thirds (80) of the 119 students surveyed indicated their intentions to work in community pharmacy after graduation while the others indicated preferences for hospital pharmacy (20 students—17%), the pharmaceutical industry (6 students—5%), and Federal agencies (2 students—2+%). A substantial number, 11 students (9%), indicated that they would continue their formal education after receiving the B.S. in Pharmacy degree with postbaccalaureate study in biopharmaceutics (3 students), hospital pharmacy (3 students), clinical pharmacy (1 student), pharmacology (1 student), medicine (2 students), and dentistry (1 student).

There is no question that the 1971 pharmacy graduates in this survey are strongly encouraged by the changing and expanding role of the pharmacist. They are looking forward to professional careers that will be more beneficial to society and more rewarding to pharmacists themselves than heretofore. Their aspirations and expectations are a credit to them and to an educational system in which many significant improvements must be attributed in a substantial way to themselves.

KAPPA PSI

With spring semester well underway, Beta Xi Chapter of Kappa Psi is looking forward to one of its most prosperous terms. This is largely due to the recent initiation of the fall pledge class into the Brotherhood of Kappa Psi. We are pleased to welcome to our noble fraternity the following new brothers: Ollie Thurston Adcock, Fuquay-Varina; David Kent Allen, Ayden; Alven Phillip Alexander, Jefferson; Joseph Anthony Blake, Emporia, Va.; Eric Howard Cain, Durham; Daniel JoDan Clinard, Lexington; Carl Wayne Craddock, Winston-Salem; Fleetwood Lee Gardner, Portsmouth, Va.; Alvin Ellis Gurganus, Jacksonville; Lewis Todd Kermon, Raleigh; Hugh Osgood Kight, Jacksonville; Stephen Lee Koontz, Lexington; Charles Samuel Oliver, Cary; Michael George Peoples, Greensboro; Richard Philip Price, Casar; Frederick Joseph Rabon, Marion; Herman Brinkley Roberson, Rocky Mount; Clayton Wayne Sasser,

Stanfield; Richard Broughton Stephens, Garner; James Carlton Stewart, Winston-Salem; Thomas Neal Triplett, Valdese; Thomas Lee Waddell, Whiteville; Olin Henderson Welsh, Charlotte; David Stuart Wheeler, Chapel Hill; Robert Wilton Worley, Princeton; Russell David Wright, Tabor City.

It takes keen minds and hard work to lead a fraternity such as Kappa Psi. Our retiring officers exhibited strong character and passed their responsible positions on to the newly elected office holders. Congratulations and best wishes for a successful term go to Stephen Carling Orander, Regent; James Thomas Lamb, First Vice-Regent; Marshall Keith Hamm, Second Vice-Regent; James Curtis Baucom, Secretary; Luther Stevens Byrd, Treasurer; Stephen Lee Koontz, Historian; Ralph Strickland Eason, Housemanager; John Albert McNeil, Chaplain; Stephen Cannady Dedrick, Social Chairman; Theodore Douglass Bland, Intramural Manager; Clayton Wayne Sasser, Pledgemaster.

February brought new faces to the picture as prospective rushees began to acquaint themselves with the brothers and their way of life. A "Beer Blast" on Feb. 10th afforded new, as well as old faces, with an opportunity to slow down from the second semester hassle long enough to relax and plan ahead, or maybe just have a good time. However, the pace quickened again with spring rush, various social events, and continued success in academics and intramural sports.

HB 294—LATE REPORT

HB 294 has been referred to a Sub-Committee of seven members:

Hugh Campbell, Chairman, Charlotte
Robert L. Farmer, Raleigh
Clifton T. Hunt, Greensboro
James E. Long, Burlington
Eugene J. Synder, Lexington
Carl V. Venters, Jacksonville
Willis P. Whichard, Durham

(Address: House of Representatives, Legislative Building, Raleigh, N. C. 27601.)

The Sub-Committee met on March 10 and received a statement prepared by David R. Work on behalf of the NCPhA. Next meeting of the Sub-Committee is set for March 24 at which time the NCPhA will present an in-depth analysis of HB 294 plus specific recommendations for changes in the proposed North Carolina Dangerous Drug Act.

PRELIMINARY ANALYSIS OF N. C. DANGEROUS DRUG ACT

(From Page 29)

PENALTIES

Several sections in the bill deal with penalties for violation which can be severe. This severity may be warranted for those who deal illicitly in these substances. Some consideration should be given, however, to those who deal with drugs daily and have performed countless useful services for society. An example could be cited where a pharmacist who has good intentions, but perhaps is too casual, forgets to enter several transactions involving schedule V drugs (now exempt narcotics) in the proper records. According to 90-104 (b) this pharmacist would be subject to a misdemeanor charge—if convicted, up to two years in prison.

This seems to be a misdirected penalty. Most professional persons regard a license as one of their most precious possessions. It is more logical and direct to attack the person's license before his freedom. Moreover, we are all mortals, and everyone is subject to errors when conducting hundreds of transactions a day. It is grossly unfair to expose health professionals to such criminal liability while attempting to render the best possible health services.

Suggested Alternative

It is suggested that an amendment be introduced in committee hearings that would provide for administrative action in the licensing board for those licensed by the board who are accused of violations of this act where there is no evidence of criminal intent.

Institutional Pharmacy Practice

Maynard S. Newman

HYPERALIMENTATION

In the preceding two articles, a brief summary has been presented of some of the clinical research utilizing hyperalimentation therapy. Although successful in providing nutriments to patients unable to absorb food from the gastrointestinal route, serious complications may arise. This presentation will explore some of the hazards associated with hyperalimentation and will present a role for a pharmacist to safeguard against some of the complications. Three main areas require attention; 1) preparation of the solution, 2) administration of the solution and 3) contents of the solution.

With a final glucose concentration ranging between 20-30%, the most aseptic technique must be employed during the preparation to prevent contamination. Coupled with proper technique, preparation in a laminar flow clean air center is helpful. In addition to having the solution prepared aseptically, close scrutiny for possible chemical reactions between constituents of the solution should be made. Undesirable reactions between the solution and other drugs being administered should be avoided.

Administration of the solution introduces a tremendous possibility for contamination. Poor administration technique compounds this possibility. The hypertonicity of the solution dictates a very special method of administration—via a catheter placed into the superior vena cava through either the subclavian vein or jugular vein.

Improper placement of the catheter by the physician may result in a pneumothorax, a hemothorax or even an air emboli, especially in a dehydrated patient with a negative central venous pressure.[1] Delivery of the solution into areas other than the large superior vena cava allows for possible obstruction of a main vessel. Extravasion of the hypertonic fluid into undesirable areas can cause irritation or sclerosion. To assure proper placement into the superior vena cava an x-ray should be made of the catheter immediately following implantation. Once the catheter is properly inserted, proper care of the injection site cannot be over emphasized. Wilmore reports that infection is evident in 18 to 25% of patients receiving this type of therapy with the most frequent offender being candidia.[2] To avoid contamination during therapy, the dressing over the injection site should be changed every two or three days and antibiotic-antifungal ointment should be applied to the injection site. Proper care of this area may allow the catheter to remain in place for several weeks without complications due to contamination. To further protect against contamination a millipore filter should be located in line between the bottle containing the fluid and the point of entry into the patient. For adults a 0.45 micron millipore can be used. This allows adequate flow of solution by gravity. In infants where the flow is regulated by an administration pump, a smaller more efficient filter should be employed (0.22 micron). The filter should be changed frequently to prevent clogging from the viscosity solution.

The content of the solution itself may lead to serious complications. Administration of such a potent solution to an individual unable to tolerate the ingredients only leads to trouble. Glucose utilization in the body ranges from 0.5 Gm./Kgm. body weight per hour in adults to 1.2 Gm./Kgm. body weight per hour in the infant.[3] Administration exceeding these limits will be evidenced by glucose appearing in the urine. Endogenous insulin secretion generally adjusts to accommodate the excess glucose; however, this may take several days and may allow serious dehydration and produce electrolyte imbalance. Dudrick et. al. usually allows a 2+ glucose reading in the urine before decreasing the rate of infusion or glucose concentration. If necessary, 5 to 25 units of regular insulin may be added to

*Mr. Newman is Supervisor Pharmacist, North Carolina Memorial Hospital, Chapel Hill.

the solution or administered subcutaneously to help accommodate the glucose load.[4] In premature and newborn infants to avoid dehydration due to the osmotic diuresis associated with glucose, half strength solution is sometimes initiated. With close observation for glycosuria and severe changes in serum osmolarity a gradual increase to full strength is possible without complications.

The protein constituent of the solution also may present complications. In infants, due to underdeveloped metabolic pathways, the ability to handle protein may be lacking. In addition to the possible allergic response to protein, patients with decreased hepatic or renal function may not be able to tolerate protein. Evidence of this may be seen by an increased serum bilirubin and Blood Urea Nitrogen (BUN). Uremia, hyperammonemia and azotemia also indicates abnormality in protein metabolism. Another possible complication derived from the solution is a decrease in serum carbon dioxide. Prolonged administration of a solution having an acid pH with a relatively high buffer capacity may deplete the buffer stores in the body. Fortner, Foley and Cradock have reported such a complication in patients receiving hyperalimentation. By adjusting the final pH of the solution to 7, the problem can be prevented.[5]

These are only a few of the complications associated with the use of hyperalimentation therapy. Additionally research will surely expose other possible problems. A pharmacist may be most helpful in assuring the safe use of hyperalimentation. In addition to preparing the solution and conferring with the physician about its contents, he can also play a vital role in educating nursing personnel in the proper care of patients receiving this type of therapy. Nurses should be instructed in the value and limitations of a millipore filter and its proper use. They should understand what is in the solution, the complications of the therapy, the importance of the lab tests which may be ordered by the physician.

By visiting the patient daily and reading the progress notes and lab results as well as keeping informed as to all medications that are being administered, a pharmacist can be in an excellent position to discuss the patient's progress with the physician and offer suggestions which will insure the patient's well being.

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4. Dudrick, S. J., Long, J. M., Steiger, E., Rhoads, J. E.; Intravenous Hyperalimentation. *Medical Clinics of North America*, Vol. 54, No. 3, May, 1970.
5. Fortner, C. L., Foley, T., Cradock, J. C., Reduction in Serum CO_2 Content During Hyperalimentation Therapy. *American Journal of Hospital Pharmacy*, Vol. 28, Feb., 1971, pp. 121.

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- **GREENSBORO—Mrs. Edwin H. Meade**

CAPE FEAR AUXILIARY

The monthly-luncheon meeting of the Cape Fear Valley Pharmaceutical Auxiliary was held at the Green Valley Country Club on Wednesday, February 17th.

President Mrs. J. Cody Newton, called the meeting to order. The nominating committee presented the slate of officers for the 1971-1972 year. They were unanimously accepted. They are: President, Mrs. James R. Hickmon; Vice-President, Mrs. George O. Markham, Jr.; Secretary-Treasurer, Mrs. J. Cody Newton; Historian, Mrs. George O. Markham.

The club voted to send a check to the University of North Carolina Student Lounge fund.

The 1971 State Pharmaceutical Association Annual Convention will be held in Durham on April 18-20. Plans are being made for a delegation to attend the business session of the state auxiliary.

WNC DRUG CLUB AUXILIARY

The February meeting of the Western North Carolina Drug Club Auxiliary was held at Buck's Red Carpet Room, Asheville. Mrs. Thompson Hiles and Mrs. E. C. Brown were co-hostesses.

Mrs. Wayne Schucker and David Wright from the Asheville "Hot Line" were guest speakers.

A contribution of $50 was made to the "Hot Line" by WNC Auxiliary members.

CHARLOTTE

FUN DAY was the theme of the March luncheon meeting of the Charlotte Woman's Auxiliary, and members agreed that was exactly what it was—FUN—no BUSINESS.

Mrs. H. L. Bizzell, hostess, greeted each lady at the door and presented her with a shamrock name tag, made from green pipe cleaners.

Following the devotional by Mrs. Bizzell, Mrs. J. R. Canupp, president, welcomed four new members into the auxiliary. The luncheon concluded the day's activities.

GREENSBORO

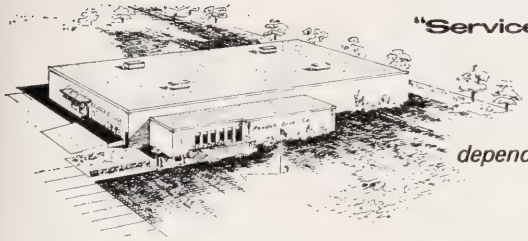
The Greensboro Drug Club Auxiliary met for business and luncheon at the Greensboro Country Club, February 23 with the President, Mrs. W. S. Dukes presiding. Hostesses were Mrs. B. F. Collins, Jr., Mrs. J. M. Egbert, and Mrs. R. F. Whiteley. The door prize was awarded to Mrs. E. R. Kinard.

Mrs. J. M. Egbert gave the invocation. Following the luncheon committee reports were heard.

Plans were made for the March 23 bridge-canasta benefit to be held from 10 a.m. to 2 p.m. in the home of Mrs. M. M. Edmonds.

Bed slippers made from washcloths were being made for the State Mini-project with members who do not sew donating materials to those who do.

Following the business meeting Mrs. W. H. Fuller, Jr., vice-president, introduced the speaker, the Reverend John P. Stephenson, president and executive director of Hope Harbor and Peace Haven (Christian homes for men and women alcoholics). Mr. Stephenson discussed the various soul-saving and work-therapy programs at these homes which are located at Martinsville, Virginia and at Fayetteville and Snow Camp, North Carolina.



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Three of the guest speakers appearing on the program of The Fifth Annual Pharmacy Seminar on Socio-Economic aspects of Pharmacy are shown above, left to right: Joseph A. Higgins, Project Director of the Social Security Drug Task Force, Baltimore, Maryland; Dr. M. Keith Weikel, Director of the Division of Health Evaluation, HEW, Washington, D. C.; and George M. Stockbridge, Director and Executive Secretary of the Health Planning Council for Central North Carolina, Durham. The Seminar, held in Chapel Hill at the Institute of Pharmacy on February 17, was attended by 75 registrants. The Seminar proceedings will be available later at $3.00 per copy.

FOR SALE: USED DRUG STORE FIXTURES (MAJORITY 18 MONTHS OLD). COMPLETE PRESCRIPTION DEPARTMENT, WRAPPING COUNTER AND DISPLAY TABLES, LADDER-TYPE SHELVING, ETC. CALL E. H. WILLIFORD, KANNAPOLIS 933-7961.

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SPROWLS FELLOWSHIP FUND

The Joseph B. Sprowls Fellowship Fund has been established in Texas in memory of the immediate past dean of the College of Pharmacy, University of Texas.

Contributions to the Fund ($50,000 needed) will be earmarked for "The Joseph B. Sprowls Fellow" to be selected by the American Foundation for Pharmaceutical Education from applicants across the United States. This is to be a permanent award using the interest from the fund.

A graduate of the University of Colorado, Dean Sprowls headed the School of Pharmacy at Temple University prior to accepting a similar position at the University of Texas in 1967.

Alumni and friends who wish to contribute to the Fund established in memory of Dean Sprowls may make their checks payable to the "Joseph B. Sprowls Fellowship Fund" and mail contribution to the Fund, Box 6, College of Pharmacy, University of Texas, Austin, Texas 78712.

HARGIS ELECTED PRESIDENT ALAMANCE COUNTY PHARMACEUTICAL SOCIETY

The Alamance Pharmaceutical Society held their annual Valentine dinner-dance February 13th at the Holiday Inn, Burlington.

Harold Lasater, outgoing president, presided at the dinner, and introduced officers to serve for the new club year: Ronald Hargis, president; Joe Johnson, Jr., vice-president; Robert (Ted) Neal, secretary-treasurer.

Special guests for the dinner, in addition to wives if the Alamance members, included B. Cade Brooks, president of the N. C. Pharmaceutical Association, and Mrs. Brooks, and Mr. and Mrs. W. J. Smith of Chapel Hill.

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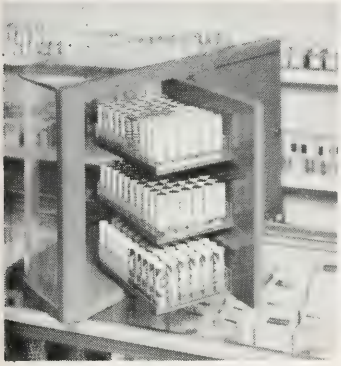

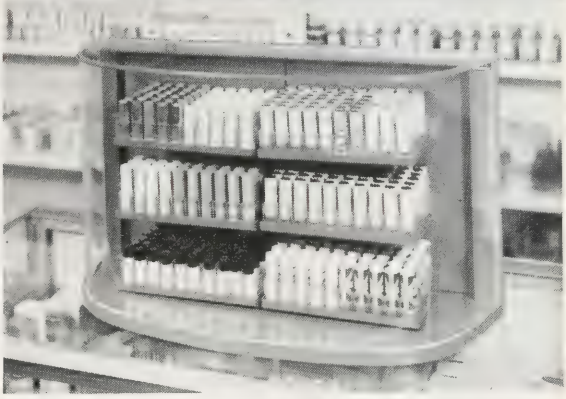

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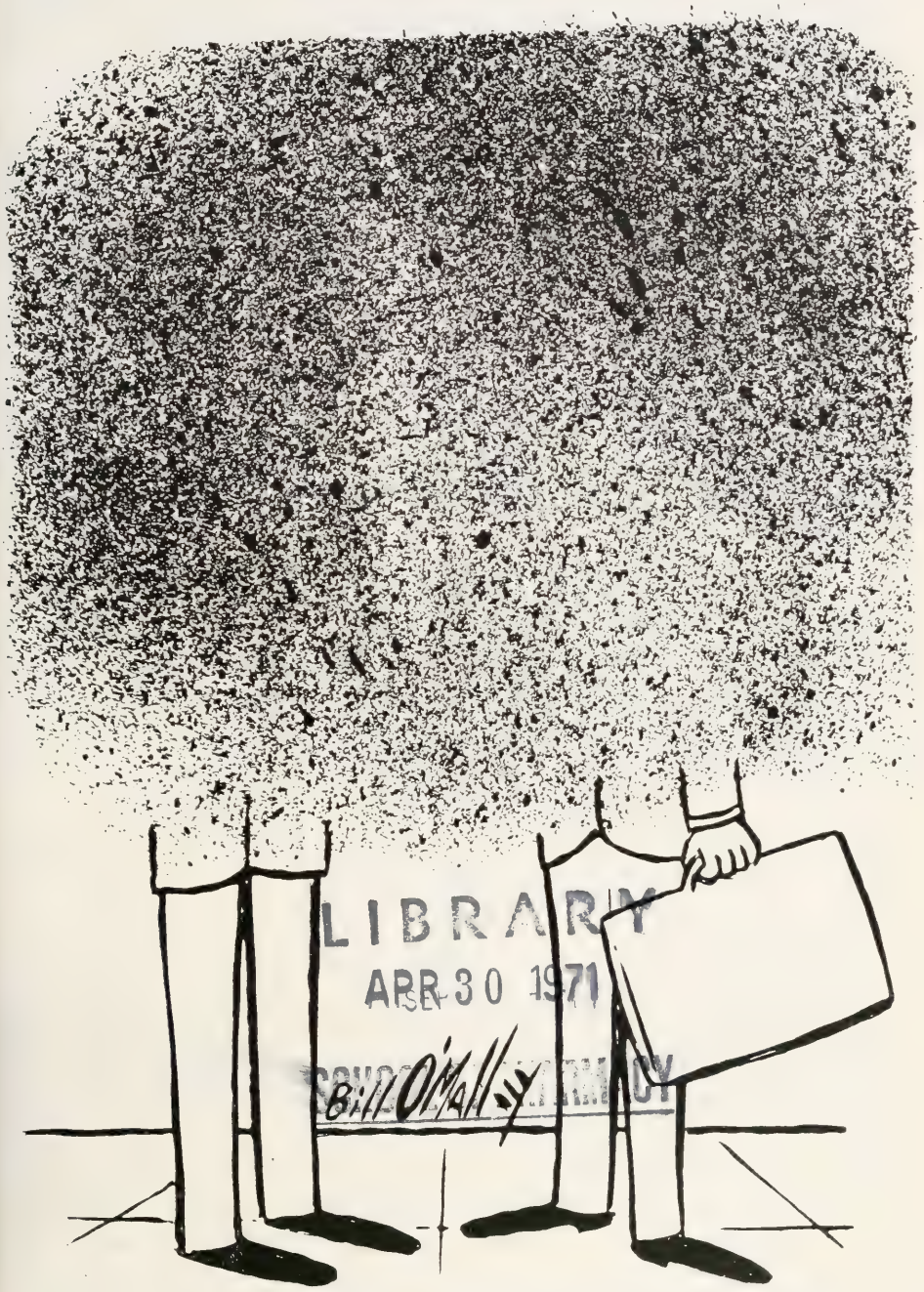

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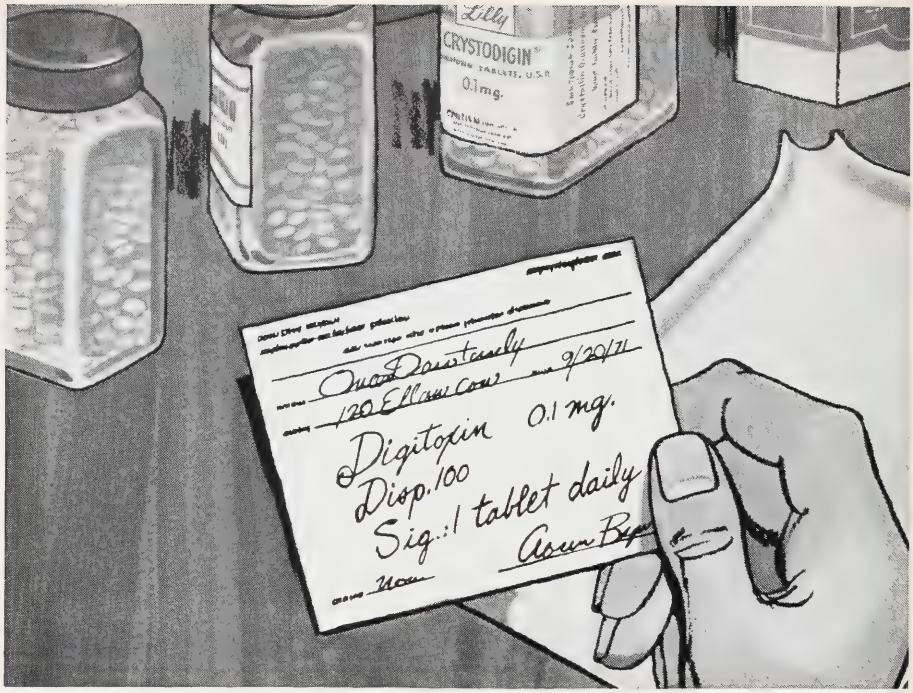

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NARC ALERT

Topic of the March 18 meeting of the Onslow Pharmaceutical Society was "Narc Alert."

Detective Gordon Bradley of the Jacksonville Police Department and Jack Noward of the Coastal Carolina Community College discussed the purpose of the Narc Alert program and how it has been beneficial to the City of Jacksonville in helping reduce drug abuse.

CANDIDATES

Larry Thomas is a candidate for one of Dunn's two commissioner at-large posts.

The 33-year-old pharmacist is associated with his father, J. I. Thomas, in the ownership and operation of Thomas Walgreen Drug Store, Dunn.

Of the seven candidates seeking membership on the Town Board of Broadway, one is a pharmacist: Garland Beal, Jr., owner-manager of Broadway Drug Store.

COCOLAS RECEIVES LEDERLE AWARD

Dr. George P. Cocolas, professor of medicinal chemistry at the UNC School of Pharmacy, has received the Lederle Pharmacy Faculty Award of his paper "The Preparation and Activity of Some Beta Substituted Acetylcholine Iodides."

McDONALD RECEIVES MOREHEAD SCHOLARSHIP

Eugene James McDonald, Jr., son of Pharmacist and Mrs. E. J. McDonald, Sr. of Reidsville, has received a Morehead Scholarship to study at the University of North Carolina.

McDonald, President of the Classroom for Young Americans at Reidsville High School, was one of 102 boys to receive the awards, valued at $9,000 each, this year.

The Morehead Scholarship winner was three years old when his father, now Pharmacist Jim McDonald of Mann's Drug Store #2, Reidsville, entered the School of Pharmacy at Chapel Hill.

McDonald, Jr. plans to study medicine at UNC.

PHARMACY SOLD

Edward Brisson, owner of Brisson Drugs, St. Pauls, has announced the sale of the pharmacy to Pharmacist Buddy Peal.

Wayne Goforth, a graduate of the School of Pharmacy, Medical College of South Carolina, has purchased Adkinson Drug Store of Henrietta from Newton F. Adkinson.

VENDOR PAYMENT—NORTH CAROLINA STATE DEPARTMENT OF SOCIAL SERVICES

	March		*July 1, 1970-March 31, 1971*	
Service	*Occasions*	*Amount*	*Occasions*	*Amount*
Inpatient	70,039	$2,683,619.99	610,075	$21,910,686.18
Outpatient	19,342	286,587.59	177,365	2,533,660.52
Dental	10,396	534,101.70	165,069	4,976,301.16
Pharmacy	284,911	1,261,415.55	2,369,676	10,506,300.32
Physicians	88,001	1,190,842.38	787,635	10,422,002.16
Nursing Homes	128,336	1,527,466.72	1,004,816	11,700,321.21
Optical Supplies	3,402	81,325.89	45,462	1,133,614.63
Home Health	1,438	12,681.38	7,095	62,749.43
Mental Hospital			37,118	187,360.08
TOTAL	605,865	$7,578,041.20	5,204,311	$63,432,995.69

PARKE-DAVIS SPONSORS NEW 15-MINUTE, FULL-COLOR FILM ON PHARMACY CAREERS

Where do you find a handsome, 18-year-old professional actor who was a track star and who can flip a newspaper into a customer's roadside mail box while he's hurdling it?

In Charlotte, N. C., according to the producers of "Go Pharmacy," a new pharmacy career film sponsored by Parke, Davis & Company, a subsidiary of Warner-Lambert Company.

Steve Cochran, the youthful actor, was president of his high school class, a track star and presently is enrolled in the North Carolina School of the Arts, majoring in drama. He plays a young man in search of a meaningful life, whose affection for a neighborhood pharmacist tips the scales in favor of pharmacy.

The camera follows Cochran from his newspaper delivery days, to his moment-of-truth decision and into his college work during the 15-minute, full-color movie.

Lloyd A. Beemer, Parke-Davis director of professional and trade relations, said "Go Pharmacy" stresses the "importance of the pharmacist on the health team."

"It directs viewer interest to education, community pharmacy, hospital practice, the pharmaceutical industry, government posts and association work," he added.

Larry Pilot, assistant to the commissioner of the U. S. Food and Drug Administration, is on the screen to assure the young viewers of "Go Pharmacy" that his pharmacy and law degrees made his success possible. Jack Barthwell, director of pharmacies at Wayne County General Hospital, near Detroit, and Sister Emmanuel, of Wayne State University, also appear in the movie to exemplify pharmacy professionalism.

The Parke-Davis-sponsored motion picture was a year in the making and shows scenes in Karachi, Pakistan; Milan, Italy; and Sydney, Australia.

Prints of "Go Pharmacy" will be available without charge from the Professional Relations Department, Parke-Davis. Distribution of the film for television audiences will be conducted by the producer, Walter J. Klein Company, Ltd., of Charlotte, N. C.

SYMPOSIUM ON DRUG INTERACTIONS

The School of Pharmacy, UNC, and the New Hanover County Pharmaceutical Society are sponsoring a "Clinical Symposium on Drug Interactions" in Wilmington on May 14-15-16.

The Symposium begins with a lecture on Friday night, May 14 and continues through Sunday, May 16. All sessions will be at the University of North Carolina at Wilmington.

Registration for the entire Symposium is $25.00. Individual sessions are $7.50. Program details may be obtained by calling Professor Claude U. Paoloni at the School of Pharmacy, Chapel Hill, or locally, from F. Alex McCrackin, Chm. of the Continuing Education Committee of the New Hanover County Pharmaceutical Society.

Registrants who attend all the sessions will be eligible for a $25 cash prize. By prior arrangements, golfing and fishing arrangements will be open to registrants who desire to work one of these sports into their visit to Wilmington.

THE 91ST NCPhA CONVENTION

Since this issue of The Journal is being completed prior to the 91st Annual Meeting of the NCPhA & Affiliated Auxiliaries, convention details, resolutions, officers installed, etc. will appear in the May Journal.

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BOARD EXAMS RESULT IN 46 NEWLY LICENSED PHARMACISTS

The North Carolina Board of Pharmacy has announced the licensing of forty-six pharmacists as a result of examinations given in Chapel Hill, March 16-17.

In the consecutive numbered series, the current list of newly licensed pharmacists are in the 5600 range. The pharmacists honored at the 1971 NCPhA Convention for having practiced pharmacy for 50 plus years were in the 2000 series. If your registration number is below 2000, you are in an extra special, exclusive group.

Alphabetically, the newly licensed pharmacists are:

David Alexander Ayers, Walkertown; James Michael Badger, Jefferson; Alan Grey Banner, Jonesville; George Sprite Barbee III, Elizabeth City; Douglas Ray Boyette, Chapel Hill; Henry Shelton Brown, Jr., Chapel Hill; Ernest Clyde Buchanan, Columbus, Ohio; Barry Lee Carpenter, Troy; Judith Kramer Coan, Chapel Hill; Gary Dean Cornwell, Lincolnton.

Also, Robert Lee Crocker, Rocky Mount; James David Dalmas, Morganton; William Perry Deans, Wilson; Richard Lee Efird, Chapel Hill; Roger Wilkins Efird, Denton; Charles William Franklin Gambill, Jr., Wilkesboro; Joe Dan Gardner, Cary; Larry Robert Godwin, Lynchburg, Virginia; Audrey Anderson Gray, Selma; James Craig Hayes, Anchorage, Alaska.

Also, Lynne Alexander Jackson, Chapel Hill; Julia Wheeler Jones, Greensboro; Robert Evans Kearney, Raleigh; Joyce Bittle Long, Hampton, Virginia; Robert Earl Long, Kings Mountain; Thomas Cecil McCall, Charlotte; William Evans McKellar, Jr., Greenville; Joseph Grayson, Minton, Murfreesboro; John Eldridge Nance, Chapel Hill.

Also, Clyde Thomas Oakley, Jr., Roxboro; Richard Allen Ottmar, Durham; Thomas Cox Owens, Jamestown; Charles Brownlow Pace, Goldsboro; Jack Coxe Pattisall, Rocky Mount; Edna Turner Perkinson, Charlotte; Mary Franklin Petty, Greensboro; William Gibbs Pittman, Jr., Rocky Mount; Richard Hiram Rains, Tarboro; Guy Lester Rippy, Durham.

Also, Lawrence Lelvin Seigler, Durham; Harold Wayne Smith, Greensboro; Lester Mark Smith, Charlotte; Bonnie Jean Tilley, Raleigh; Elaine Riggins Tribble, Aberdeen; Hal Breen Woodall, Chapel Hill; Walter Bruce Wynne, Greenville.

PHARMACISTS MEET

Dr. Harold Jacklin, guest speaker at the March 3 meeting of the Greensboro Society of Pharmacists, discussed "Hot and Cold Developments in Ophthalmology," using slides to illustrate his talk.

Several proposed changes in the By-Laws were passed of which the most notable was the name change to Guilford County Society of Pharmacists.

Officers of the Society for 1971 are:

President: Jack Upton
President-Elect: David Montgomery
Secretary-Treasurer: Al Mebane
Asst. Secy-Treas.: Frank Burton
Directors: Frank Pickard, Henry Beck, Marion Edmonds, Jack Ranzenhofer and Bob Shearin.

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PHARMACY CASE OF THE MONTH

By David R. Work, J.D.
Assistant Dean—Fiscal Affairs
Assistant Professor, UNC School of Pharmacy

With the arrival of the Controlled Substances Act on May 1st, pharmacists need to know several new procedures. Consider the following situation:

Bill Smith (a physician) and Bob Williams (a pharmacist) knew each other well, being golf partners and members of the same church. Late on Sunday afternoon Bob was called by Dr. Smith from a city thirty miles distant. Dr. Smith gave Bob the following prescription for his patient, Mrs. Walker, who was suffering severe pain.

The oral prescription reduced to writing was—

Mrs. Betty Walker
234 Oakwood Street

Morphine Sulfate tablets 15 mg
#4
Sig. 1 stat, repeat in 4 to 6 hours for severe pain

After reciting the prescription, Dr. Smith asked Bob to remind Mrs. Walker to come to his office the next morning.

What should Bob do in this situation?

(Answer on Page 36)

THIS IS THE FIRST UNC SCHOOL OF PHARMACY "CASE OF THE MONTH" THE JOURNAL WILL PUBLISH A CASE IN EACH ISSUE. THE IDEA IS SIMPLY THE PRESENTATION OF AN INTERESTING CASE OR SITUATION WITH ALL THE FACTS. YOU CAN DETERMINE YOUR OWN ANSWER AND THEN COMPARE IT WITH THE SCHOOL SOLUTION SHOWN ON ANOTHER PAGE, CERTAINLY THERE MAY BE MORE THAN ONE CORRECT OR ACCEPTABLE ANSWER IN MOST CASES. THE "SCHOOL SOLUTION" IS THE AUTHOR'S BEST ESTIMATE.

DAVID R. WORK, J.D.

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4. **A professional planning and remodeling service** within our organization which includes complete service in floor design, fixture and installation.
5. **Professional help in site selection,** store development and in lease acquisition for desirable sites.
6. **Computerized inventory and billing systems.** This modern computerization also makes possible a wide range of additional data services including regular issuance of individual monthly reports of DACA drugs showing quantities and dates on which they were submitted.

It also makes possible additional data services like regular issuance of individual monthly reports on DACA drugs as well as other specalized reports. Our wide range of services can help you to realize the full potential of your pharmacy. Please let us know which of these services fits your needs.

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STATUS REPORT—ABBOTT INTRAVENOUS SOLUTIONS

Abbott Laboratories has stated its agreement with a report issued by Charles C. Edwards, M.D., U. S. Commissioner of food and drugs. Dr. Edwards reviewed continuing efforts by government and industry to solve the problem of contamination of intravenous solutions produced by Abbott. In his report, Dr. Edwards stated the following:

Abbott advised the FDA that, in addition to its continued intensive work on its present closure system to assure maintenance of sterility in the thread and cap component areas, it is evaluating the possibility of entering the market with a rubber bung-type closure system on some of its intravenous products. Other manufacturers of intravenous solutions presently employ this kind of closure. With the bung closure a hollow spike on the administration apparatus is forced through the rubber stopper. The system requires no cap removal as with the present Abbott system.

The company has experience with the bung-type closure and all components of the system have a proven use record.

The FDA and Abbott will meet next week to consider the proposal. Abbott has been advised that the FDA will require the full manufacturing and control data normally required for the introduction of a new product of this type. As soon as the FDA is assured of the safety of the proposed new closure system Abbott will be permitted to institute production and distribution of this type of product.

The FDA and Center for Disease Control (CDC) at Atlanta, as well as Abbott, are continuing intensive investigations to pinpoint the specific cause or causes for the contamination problem apparent in the Abbott screw-cap closure system. The FDA presently has eight inspectors and a microbiologist at the Abbott plant in North Chicago. Nine other Chicago district inspectors are occupied full time on other phases of the investigation.

The agency has completed its investigation at Abbott's other source of fluid production in Rocky Mount, North Carolina. Information is being evaluated and detailed laboratory analyses are in progress. All production at the North Carolina facility has been suspended by the company voluntarily.

While the overall investigation continues, Abbott's North Chicago plant is producing limited amounts of intravenous fluids to meet emergency hospital orders. All such orders are filled only after FDA investigation reveals that a hospital has exhausted all possibilities of obtaining fluids from sources other than Abbott. In meeting the emergency production, with FDA approval Abbott has switched from an elastomer to a Gilsonite plastic liner for the screw-cap closure. Gilsonite was used routinely by Abbott until February 1970 when Abbott began the introduction of the elastomer liner on some products.

An increasing incidence of contamination of the Abbott product can be traced to change to the elastomer liner. The Gilsonite liner appears to offer greater protection against the contamination problem, but the FDA believes that additional steps must be taken to assure that closures using the Gilsonite liner can be used satisfactorily in routine hospital practice.

Commissioner Edwards states the FDA is sparing no effort to complete a thorough and prompt investigation of the Abbott situation. "Only when we are convinced that we have all the facts will FDA make a decision on what further regulatory action, if any, is required," said Dr. Edwards.

Through its 17 district offices the FDA continues to coordinate and monitor the recall of all Abbott intravenous solutions. The recall was ordered March 22 after CDC data showed 350 cases of septicemia associated with intravenous infusion therapy in 21 hospitals using the Abbott solutions. At least nine deaths have been reported.

The recall necessarily is a phased recall and no absolute deadline can be set for completion. No Abbott solutions are being withdrawn from any hospital or other user until substitute fluids can be assured.

Before Abbott started the recall the FDA had determined that adequate sup-

plies from other manufacturers were available on a short-term basis to meet the national need for about 8 million units of intravenous fluids per month.

While the overall supply was determined to be adequate, the logistics of getting this supply to where it is most needed and at the time needed is causing predictable difficulty.

In this situation, the FDA has to date considered 139 emergency requests for 13,095 cases of Abbott fluids from hospitals unable to solve immediately the problems of getting alternative fluid supplies. Of the 139 requests FDA has approved ninety-six (11,770 cases) and allowed supplies to be shipped from production out of Abbott's North Chicago plant.

Since March 22 the problem of keeping hospitals in fluids has continued to mount. On April 1, the FDA received 21 requests for emergency supplies. This compares with 118 requests for the preceding nine days. In addition, some hospitals are reporting trouble in getting auxiliary equipment (administration sets). Abbott sets cannot be used with competitive makes of intravenous fluids.

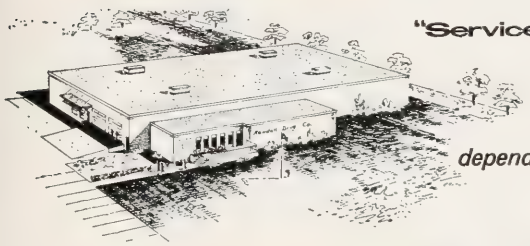
"The gap left by recall of the Abbott product clearly has created a problem affecting many hundreds of hospitals," states Dr. Edwards.

"The situation, however, is in hand at this time and we feel confident that no hospital will be without access to this vital therapeutic tool. At the same time the need to find permanent relief from the present supply situation is demonstrable and the FDA is most hopeful that Abbott will be able to solve its closure problem and return to production as soon as possible.

"The one requirement the FDA will insist upon," said Dr. Edwards, "is that Abbott return to the market only after we in FDA are convinced on the basis of good scientific data that the contamination problem has been resolved."

Abbott has advised the FDA that the company is ordering recall of three of its Ion-O-Trate list numbers after testing by the company revealed microbial contamination of the glass thread area and the cap components. The company's Ion-O-Trate products provide additives such as potassium chloride and sodium chloride for intravenous solutions. Only Ion-O-Trate products with screw-cap closures similar to those on the larger volume intravenous solutions are involved.

Distribution of this product is limited. Abbott reports that only 625 customers receive shipments. Some 350 Abbott salesmen personally will carry out the recall.



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TAR HEEL DIGEST

NEWTON—Paul Walker, Newton Rexall Drugs, has been elected a director of the Newton Merchants Association.

EDENTON—W. Herbert Hollowell, Jr., President of Hollowell Drugs, is a candidate for election to a term as First Ward Councilman, subject to the May 4 election.

HIGHLANDS—A quantity of narcotics was stolen from the Blue Ridge Pharmacy in a mid-March break-in at the pharmacy.

KERNERSVILLE—An attempted robbery of Stonestreet Drug Company was prevented when the owner, Dewey Stonestreet, who had gone to sleep on a couch in the back of the pharmacy, yelled at the intruders as they forced their way into the pharmacy. Three unidentified white men, as they dashed from the pharmacy, broke both front glass doors.

REIDSVILLE—Airman Charles W. Rose, a 1970 graduate of the UNC School of Pharmacy, has been assigned to a unit of the Air Training Command at Sheppard AFB, Texas, for training and duty as a medical services specialist.

TROY—Guest speaker at a recent meeting of the Steeds Community Club of the Asbury Baptist Church was Pharmacist Barry Carpenter of Standard Drug Company.

MOUNT OLIVE — Pharmacist - Alderman Wilson K. Lewis is a candidate for re-election to the Mount Olive Board of Aldermen. He was elected to his first term on the board in 1967.

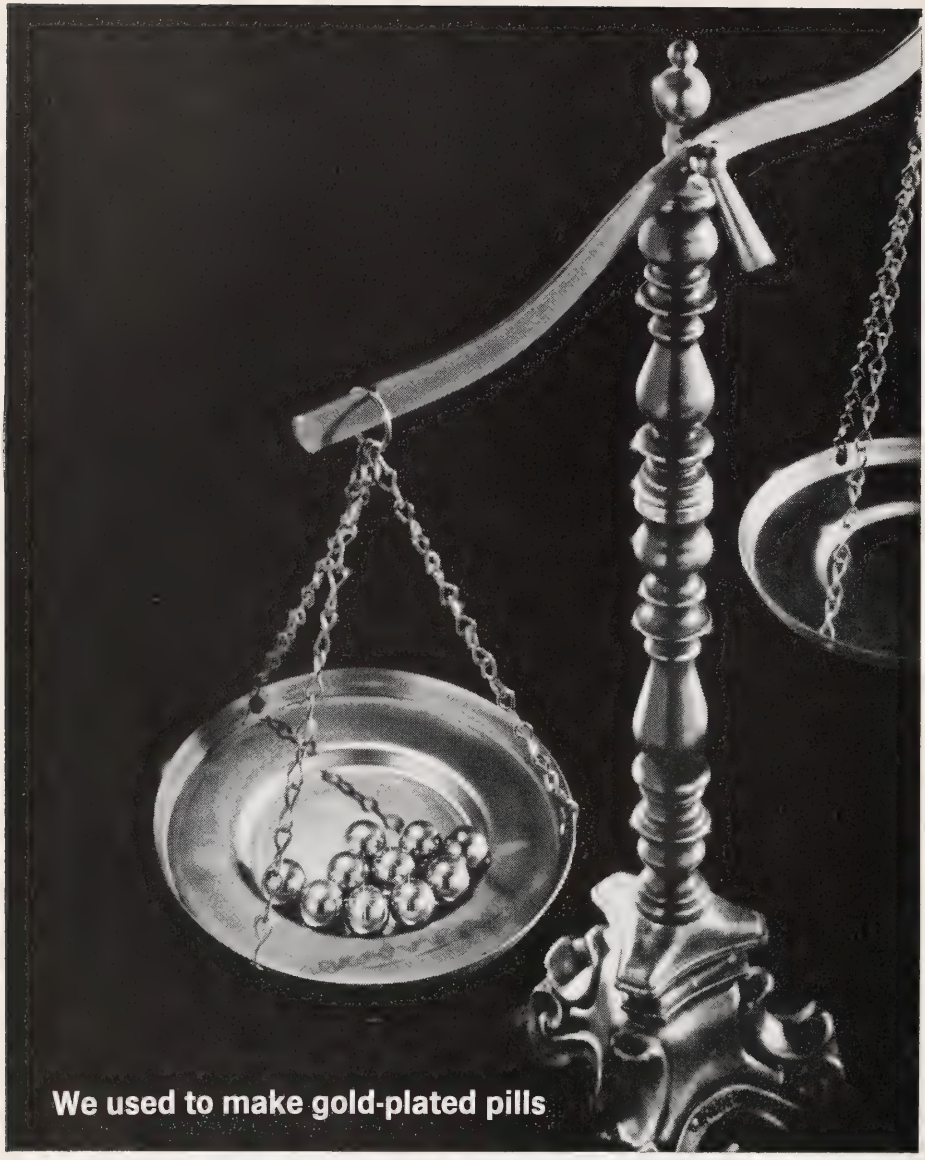
FAIRMONT—Lt. James C. Hayes of the U. S. Public Health Service was in North Carolina in mid-March for the Board of Pharmacy exams. Before returning to the Alaska Native Medical Center in Anchorage, Alaska, he stopped off in California for the annual meeting of the APhA.

MARSHVILLE—David Rushing, formerly associated with Westgate Pharmacy, Statesville, has joined H. N. Guion in the management of Guion's Drug Store. Rushing has a BS degree in Math from Wake Forest College and is a graduate (1969) of the University of Georgia School of Pharmacy.

MARION—After prying off a steel door, thieves entered Service Pharmacy and made off with approximately $300. The break-in occurred in late March.

NEW BERN—James S. O'Daniel, Jr. has been named a member of the newly established board of advisors to the First Citizens Bank & Trust Company of New Bern. O'Daniel is president and manager of Professional Drive Pharmacy.

BOONE—Pharmacist G. K. Moose celebrated his 81st birthday on March 12. He built Boone Drug Company in 1921, now the oldest retail operation in Boone.



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TOBACCO: YES OR NO?

Here is Reynold's response, as published by the Winston-Salem Journal (April 3), to APhA's policy position on elimination of tobacco products by the retail pharmacies of the nation.

The tobacco industry, which for years couldn't seem to find its tongue to rebut its critics, is losing its identity as the silent industry.

The latest in a rowing series of counter-attacks came yesterday with a telegram from the president of R. J. Reynolds Tobacco Co. taking issue with an apparent move by druggists to take cigarettes out of drug stores.

Said William S. Smith in his telegram to the president of the American Pharmaceutical Association:

"News accounts of your San Francisco meeting reported the American Pharmaceutical Association's Committee on Professional Affairs felt the display of tobacco products in drugstores 'is in direct contradiction to the role of the pharmacy as a public health facility.'

"In the event the committee hasn't noticed, a pharmacy today occupies a very small part of the selling space in drugstores. In fact, to get to it you often have to wind your way through mazes of displays of questionable literature, lawn furniture, household appliances, hardware, sporting equipment, clothing, toys, office supplies, automotive equipment and, in some states, beer, wine and assorted whiskies.

"There are very few apothecary shops today. But modern drugstores play an important role in commerce and provide America with a convenient, contemporary replacement for the old general store. They have done quite well on their own in keeping pace with the country's shopping needs.

"Please don't attempt to restrict the promotional activities of tobacco products which are great traffic builders in retail drugstores today."

ALERT SYSTEM RESPONSIBLE FOR ARREST OF RX FORGER

The "Drug Alert" system inaugurated recently by the pharmacists of Chapel Hill and Durham contributed to the arrest of an individual who had forged a prescription.

The arrest was made in Durham following an alert by a Chapel Hill pharmacist who became suspicious of a prescription presented by a customer, who made a hasty departure from the pharmacy when the pharmacist attempted to question the customer.

Operation of the Alert System enables a pharmacist to alert all pharmacies in the two counties in a matter of minutes. In this instance, a description of the suspected individual had been circulated, which set up the arrest.

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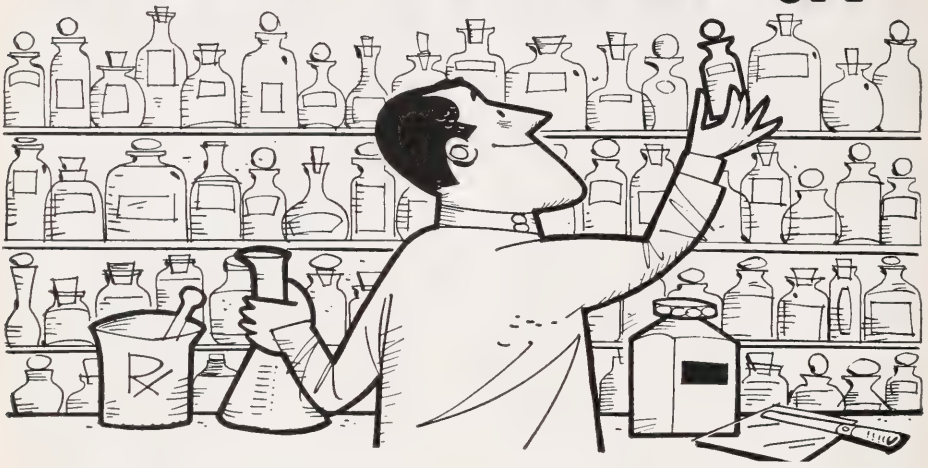

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A few months ago I listened to a speech on drug abuse which my father, Mr. R. H. Seaborn, made from materials which your organization sent to him; and in the speech was a challenge to the young listeners to use any artistic medium available to them to communicate to others of their age group the message about the perils of drug abuse. Enclosed is my response to that challenge; and if you or any members of your organization feel that this poem will be of value in the fight against drug abuse, feel free to use it.

AN ADDICT'S LAMENT

O, shoot me some speed and some heroin too;
When I'm finished with that I'll start sniffing glue,
But one of these days the dog's gon' bark blue;
But I gotta wake up to reality.

I'm in one of those states where a feather falls loud;
I did it at first to be one of the crowd.
Build me a casket and bleach me a shroud,
For I gotta wake up to reality.

I started out just "bogarting" pot;
And then I progressed to a "snowy" shot.
Now my bennies are making me sweat I'm so hot,
But I gotta wake up to reality.

Now I sit down and I talk with the "doc";
Nurses are with me around the clock,
And the door to the ward has a big metal lock;
And I gotta wake up to reality.

Get me a towel and give it a squeeze,
I'm so thirsty; give me water, please!
And hepatitis is "the needle disease,"
And I gotta wake up to reality.

Some more "purple hearts" and I'm going to die;
The habit's too big that's the reason why—
If you think drugs are fun, you believe in a lie;
Now, in death, I'll wake up to reality.

—By Joy Seaborn

WAKE COUNTY

A discussion of the objectives and accomplishments of the N. C. Pharmaceutical Research Foundation was presented by guest speaker Dean George P. Hager of the UNC School of Pharmacy at the March 2 meeting of the Wake County Pharmaceutical Association.

The meeting, held at the Raleigh Woman's Club, was attended by nineteen members and guests.

I.V. ADDITIVE PROGRAM GIVEN IN NORTH CAROLINA

Over 100 pharmacists from North Carolina, South Carolina and Virginia participated in the seminar and workshop "Establishing an I.V. Additive Program." The program was conducted by the UNC School of Pharmacy in cooperation with the North Carolina Society of Hospital Pharmacists and McGaw Laboratories of Chamblee, Georgia.

Program participants included Nick Spase, Director of Quality Control, McGaw Laboratories, who discussed I.V. Fluids and Administration Sets Manufacture and Control; Fred M. Eckel, Director of Pharmacy Services and Assistant Professor of Hospital Pharmacy, University of North Carolina, who spoke on Implementation of an Additive Program. David Rowlands, Product Development of McGaw Laboratories, presented "Hyperalimentation."

A panel discussion was moderated by Milton Skolaut, Director of Pharmacy, Duke University Medical Center and also included William T. Williams, Director of Pharmacy, Community General Hospital, Thomasville, N. C. Jack Upton, Director of Pharmacy, Moses Cone Hospital, Greensboro, N. C.; Maynard Newman, Supervisor-Pharmacist, N. C. Memorial Hospital, and Rudy Hardy, Director of Pharmacy, Cabarrus County Hospital, Concord, N. C.

LETTER TO THE EDITOR, REIDSVILLE REVIEW

I have always been proud of my hometown, but I didn't fully realize how many wonderful, generous and kind people there were in Reidsville and Rockingham County until the week just past. I won't attempt to name all the thoughtful people who have helped us since Link Bros. Pharmacy burned Sunday a week ago. There were so many, many helpful acts by so many people that I would surely omit some and I would hate to leave out one single name. There is one thing I would like to clarify, though, because it is a matter of semantics. In the notice we ran in last Monday's Review it was stated that "we were able to save all our prescription files and we will be able to fill your prescriptions with fresh drugs, thanks to the cooperation of our other local drugstores." Now, what I want to make crystal clear is that in this hurriedly scribbled ad when I said "local drugstores" this meant ALL the drugstores in Reidsville. No distinction was intended between chain and independent drugstores and I hope nobody interpreted the meaning of "local drugstores" in this way. Let me reiterate that every drugstore in Reidsville was quick to volunteer their services. One of the pharmacists at the scene of the fire offered to share his prescription counter with us; another one came by my house as soon as he learned of our loss and made the same offer; a third pharmacist came by our make-shift set-up in the old Ed A. Gunn building we moved into Monday (thanks to the unhesitating generosity of the First State Bank) and offered his help. Pharmacists from all the other stores and the hospital called to let us know they were not just willing but anxious to help. And help they did! And I want the public to know that without the help of ALL the pharmacists in town we could never have gotten into operation (on an admittedly limited scale) in less than twenty-four hours after our fire. We threw a lot of extra work on the other drugstores last week by calling on them many times every day for needed drugs and they responded cheerfully and immediately, even though they had their own businesses to conduct. Pharmacists in Eden and Madison telephoned to ask if they could help. Can you blame me for being proud of my profession?

But with all the help the other drugstores gave us we still could not have operated last week without the beyond-the-call-of-duty and back-breaking work of every man and woman in the Link Bros. organization. From the first day after the fire, they met the challenge and worked without thought of self to restore order to chaos, and sure enough, through the determination of our loyal employees, we are shaping up better every day. We still have a long way to go—a lot more drugs to get in and a new building to be built, but it will all get done. In the meantime, friends have come forward with everything

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On request, A representative of the I. C. System will explain the collection program in detail.

Call or write the NCPhA, Box 151, Chapel Hill, North Carolina 27514

from counters, tables and desks to a tape-recorder for our physicians' line. The telephone company had two telephone numbers working in our temporary quarters by the middle of Monday afternoon, the day after the fire. In short, we didn't call on anybody who didn't respond and respond quickly. Will Pannill and his crew got our record files and safe moved from the burnt-out building to our temporary quarters. I said I wasn't going to mention names, but since I slipped I will mention one more: Joe Weaver, whose inspiring editorial in last Wednesday's Review gave our whole organization an encouraging boost.

And now a word of thanks to the patience and understanding of our customers who suffered along with us this past week, consoling us and waiting without complaining while we filled their prescriptions. Surely there are no finer people anywhere. Most of them seemed as glad over the saving of the portrait of my father, the late H. E. Link, Sr., as they were relieved that we saved our prescription file. Our area physicians (who have also been most understanding and cooperative) share our own relief that our refill files were saved.

In closing, I would like to thank the Reidsville Fire Department and the fire departments from Wentworth, Ruffin, Williamsburg, Monroeton and Casville for their hard job well done (and let's not forget the Reidsville Rescue Squad and the Firemen's Wives who brought food). Special thanks, too, to the Reidsville Police Department and the Auxiliary Policemen, and the Rockingham County Sheriff's Department.

. . . . Thank you Reidsville and Rockingham County! I'm proud of all our people.

Phil Link,
for Link Bros. Pharmacy

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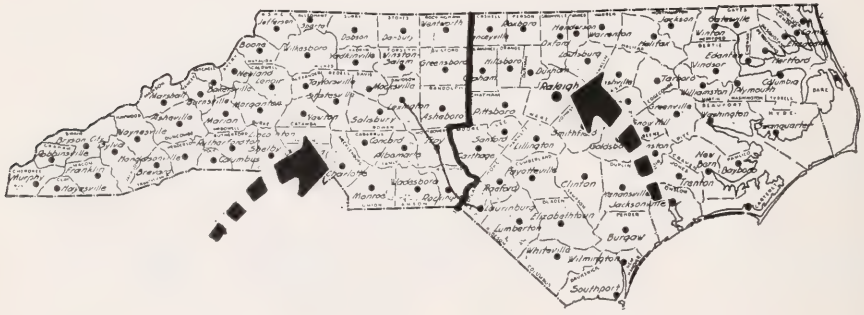

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NEW PHARMACIES

(1) Nixon Pharmacy, Inc., 216 South Main Street, Stanley. Richard and Amanda Nixon, owners. Frank L. Black, pharmacist manager.

(2) The Medical Arts Pharmacy, Vance Medical Arts Building, Henderson. Charles Craig, owner and pharmacist manager.

(3) Tri-Community Drugs, Henrietta J. Wayne Goforth, owner and pharmacist manager.

(4) Southport Pharmacy, 110 Moore Street, Southport. John B. Kenney, owner. Freeman Kirby, pharmacist manager.

CHANGE IN OWNERSHIP

Halsey Drug Company, Sparta. Revis R. Eller, owner and pharmacist manager.

RECIPROCITIES

(1) Brian Dave Dieterle from Arizona
(2) James Joseph Forst from Georgia
(3) Raymond Lorenzo Grant from New York
(4) James B. Duman from New York

THREE PHARMACIES DESTROYED BY FIRE

Fire completely destroyed these pharmacies during March:

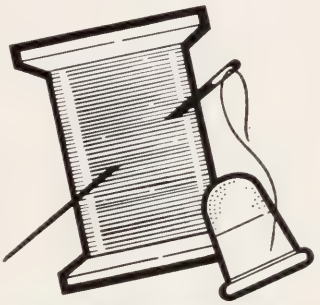
Link Bros. Pharmacy, Reidsville
Selden's Pharmacy, Weldon
Wil Gro Pharmacy, Charlotte

In the case of the first two pharmacies, some records, including prescription files, were saved. In the case of the Wil Gro Pharmacy, the heat was so intense the pharmacy's cash register was melted.

Both Link Bros. Pharmacy and Selden's Pharmacy are operating temporary quarters.

FOR INFORMATION AND COMMENTS RELATING TO TITLE XIX (Medicaid) Rx PROGRAM, WRITE:

Frank Yarborough, Pharmacist Consultant
N. C. Department of Social Services
P. O. Box 2599
Raleigh, N. C. 27602



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A PREVIEW OF COMMUNITY PHARMACY . . . 1970

The preliminary LILLY DIGEST report of 1,086 community pharmacy operations (about half of the total LILLY DIGEST sample) shows that 1970 was marked by rising expenses and falling profit. When the individual income and expense statement items are expressed as percentages of total sales and compared with 1969 LILLY DIGEST data, they indicate that—

> The cost of goods sold rose and thus produced a lower gross margin for the year. Total expenses increased substantially, with the result that net profit fell during 1970 to an all-time low.

Total sales reached a record high of $227,285 and reflected an increase of $13,575 (6.4 percent) over 1969 sales. This total dollar gain was due to an upswing in prescription revenue of 7.4 percent and an increase of 5.6 percent in other sales. During 1970, prescription sales as a percent of total sales climbed to 44.1 percent (up from 43.7 percent in 1969). This continues an uninterrupted long-term uptrend in prescription revenue as a percent of total sales.

The number of prescriptions dispensed during the year rose to 24,850—an increase of 899 prescriptions. Of this total, 45.8 percent were new prescriptions. This strengthens the trend, which began in 1968, to an annual increase in new prescriptions as a percentage of the total prescription volume. Refills provided 54.2 percent of the total prescription activity. The average prescription charge went up thirteen cents during 1970, from $3.90 to $4.03.

Total operating expenses increased by 7 percent and thus set a new high at 31.9 percent of total sales. Net profit fell considerably, to 4.1 percent, in the face of escalating expenses—notably employees' wages. Employees' wages rose 7 percent over the 1969 figure and now stand at a record level of 12.1 percent of sales. Total income (salary plus net profit, before taxes) established a record high of $27,326 per pharmacy-owner solely on the strength of higher sales, since, as a percent of sales, total income decreased to a new low of 12 percent.

Inventory levels rose in dollars but fell slightly as a percent of sales to 17.4 percent. The sales productivity of the prescription department inventory reached an all-time high of $7.88 per stock dollar, whereas other merchandise returned $4.72, a slight decrease in comparison with the 1969 figures. It is particularly interesting to note that prescription inventories dropped as a percent of prescription sales while other stocks increased as a percent of other sales.

SUMMARY

The preliminary LILLY DIGEST report of the 1970 operating figures of 1,086 community pharmacies is compared with the 1969 LILLY DIGEST averages of 2,145 pharmacies and is summarized in the following table. The annual LILLY DIGEST will be completed and distributed early in September, 1971.

KERR-MILLS & MEDICAID RX PAYMENTS CONTINUE ON INCREASE

Growth of the Kerr-Mills (prior to Jan. 1970) Pharmacy Service Program in North Carolina and the Medicaid (Title XIX) Rx Program is indicated by the following expenditures for drugs:

1966—$3,596,000
1967—$6,745,000
1968—$4,939,000 ($1 co-pay)
1969—$5,283,000
1970—$7,465,000

The payments listed above are for the fiscal year ending June 30 of each year. Hence the '70 payments are for the last half of 1969 and for first 6 months of 1970.

For the calendar year 1970, payments were $11,254,486.64.

For the period July 1, 1970 thru December 31, 1970, payments totaled $6,694,633 or projected to June 30, 1971, would be $13,389,267 or more than $3 million over pharmacy budget.

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DRUG THERAPY PROBLEMS

By Charles C. Pulliam*

Drug interactions which involve the oral anticoagulants have received considerable attention. Interactions with drugs of this class which have been documented in humans deserve wide exposure in both the pharmaceutical and medical literature. In the February 1971 issue of *The Carolina Journal of Pharmacy* this column reported new evidence in understanding the warfarin-chloral hydrate interaction. This month a documented warfarin-ascorbic acid interaction is reported. Also, a drug therapy problem which has occurred with diphenylhydantoin and folic acid is reported. Each of these reports should be of particular interest to community pharmacists.

"Warfarin and Ascorbic Acid Interaction"

In a recent issue of the *Journal of the American Medical Association* (215:1671, March 8, 1971) there was reported the case of a 52 year-old female that had been anticoagulated with warfarin (Coumadin) sodium for pulmonary embolism secondary to phlebitis. The patient was adequately regulated on 7.5 mg. of warfarin sodium per day with a prothrombin time of about 23 seconds and a control of 12 seconds. (Physicians will normally attempt to maintain a prothrombin time of approximately 25 seconds with anticoagulants.) She was discharged from the hospital on that regimen. After four weeks increased daily doses of 10 mg., 15 mg., and 20 mg. were required when the prothrombin time dropped to 19, 17, and then 14 seconds.

Upon questioning the patient it was learned that she had been taking ascorbic acid each morning in an effort to ward off a cold. Upon discontinuing her ingestion of ascorbic acid each morning, the patient's warfarin requirements were once again easily regulated. Prior to this report the warfarin-ascorbic acid interaction had only been reported to occur in animals.

Pharmacists are undoubtedly aware of the publicity given Linus Pauling's new book, *Vitamin C and the Common Cold*, either through reading popular magazines or a noticed increase in ascorbic acid sales. This book will surely influence the sale of vitamin C. The entire medical community is not in full agreement with Pauling's recommendation that ascorbic acid taken in doses of 1 to 10 grams daily throughout life will prevent the common cold. This report should serve to emphasize that ascorbic acid is not a totally innocuous drug, and pharmacists should assume responsibility in the control of its sale to patients on anticoagulant therapy.

"Folic Acid and Diphenylhydantion Blood Levels"

From England comes a report in a recent issue of *Lancet* (1:62-64, January 9, 1971) that correction of folic acid deficiency in patients on phenytoin (diphenylhydantoin—Dilantin) therapy is not without potential adverse effects. In this controlled study among 175 patients on anticonvulsant therapy and 25 patients not receiving medication, those subjects that were folate-deficient and treated with folic acid showed a significant lowering of diphenylhydantoin blood levels. One patient on diphenylhydantoin and receiving folic acid therapy experienced a grand-mal seizure when his diphenylhydantoin blood levels dropped below therapeutic range. The authors suggested that in patients already stabilized on diphenylhydantoin, any folic acid therapy should be accompanied by determination of anticonsulvant blood levels.

Pharmacists can do their patients and physicians a service in monitoring the folic acid content of vitamin preparations prescribed for patients on diphenylhydantoin.

*Instructor in Clinical Pharmacy, School of Pharmacy, and Clinical Pharmacy Specialist, Department of Pharmacy Services, N. C. Memorial Hospital, University of North Carolina, Chapel Hill, North Carolina.

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POISON PREVENTION WEEK—1971

Poison Prevention Week was widely observed throughout North Carolina as evidenced by the numerous clippings coming into the NCPhA Office from various newspapers.

A 3-col. news story appeared in the Kannapolis Independent with an illustration highlighting the back-up support provided by members of the Cabarrus County Pharmaceutical Society. Included in the picture was Pharmacist Jim Jochems.

Almost a full page was devoted to Poison Prevention Week by the Concord Tribune. A picture illustration included Pharmacist Jackie Airheart.

The Wilson Daily Times carried a picture story in which Mayor E. B. Pittman proclaimed the week of March 21-27 as Poison Prevention Week. Shown with Mayor Pittman were Pharmacists John Gresham of Herring's Drug Store and Brame Morrison of Morrison's Drug Store.

The Charlotte Observer (March 7) ran a general news story on the Mercy Hospital Poison Control Information Center, with comments by Pharmacist Gilbert D. Colina, Director. The 1970 report included 815 calls to the Center.

The Zebulon Record devoted editorial space to The Week, including comments by Pharmacist John Malone.

Foy Bradshaw was active during The Week as indicated by news coverage which the Daily Southerner of Tarboro devoted to poison prevention.

And over in Jacksonville, members of the Onslow Pharmaceutical Society offered to buy back, at 1¢ per bottle, old Rx bottles as one way of clearing the medicine cabinet of unwanted, outdated medicine bottles. The Jacksonville Daily News devoted a 4-col. illustrated feature to The Week plus inclusion of a back-up letter by Pharmacist Tom Jones.

While our report is incomplete, it is evident North Carolina pharmacists took more than a passing interest in this year's observance of Poison Prevention Week.

DOINGS OF THE AUXILIARIES

- **CAPE FEAR—Mrs. James R. Hickmon**
- **ROWAN DAVIE—Mrs. Vance McGugan**
- **GREENSBORO—**

CAPE FEAR

On March 18, 1971, the Cape Fear Valley Pharmaceutical Association and Auxiliary held their monthly meeting at the Green Valley Country Club.

Mr. R. P. Harris, President of the Association, and Mrs. J. Cody Newton, President of the Auxiliary, welcomed the members and guests, Mr. and Mrs. Richard L. Hensdale.

After a social hour and dinner, Mrs. James R. Hickmon, Vice-President of the Auxiliary, introduced Mr. Hensdale, guest speaker for the evening.

Mr. Hensdale, representing Fayetteville Beautiful, spoke on the immediate and future projects that are being undertaken to beautify our city. A Film entitled "This Is Fayetteville," was shown pointing out areas that were in need of improvement as well as lovely spots in Fayetteville.

After the program a business meeting was held. Mr. W. A. West reported on the recent committee meeting he attended in Raleigh, pertaining to the New Drug Law that is now before the General Assembly. Also discussed during the business meeting was the matter of record-keeping by the pharmacists and the welfare program.

The new officers for the coming year to be installed in May for the Association were announced. They are: President, Mr. George O. Markham; Vice-President, Mr. James R. Hickmon; Secretary, Mrs. Becky Dutton; and Treasurer, Mr. Hunter Smith.

ROWAN DAVIE DRUG AUXILIARY

"Happiness is Helping" was the theme for Mrs. Grover Creech, president of the state NCPhA Auxiliaries when she spoke to the March meeting of the Rowan Davie Drug Auxiliary.

Also attending the business luncheon at the Holiday Inn, was Mrs. J. Marshall Sasser, Public relations chairman for the state project on Misuse of Drugs. She brought the members up to date on the accomplishments in this field through the help of the Auxiliaries.

The meeting was conducted by Mrs. Horace Stedman, president, with devotions by Mrs. Robert Hoyle.

Hostess for the luncheon were Mrs. R. B. Hall, Mrs. Hoyle, Mrs. Roy Collette and Mrs. Vance McGugan.

GREENSBORO

The Greensboro Drug Club Auxiliary, meeting on March 23 at the home of Mrs. Marion M. Edmonds, made two donations and named a nominating committee during a coffee.

The Auxiliary authorized contributions to the Institute of Pharmacy and School of Pharmacy, at Chapel Hill; and named Mrs. C. C. Graham as chairman of the nominating committee which also includes Mrs. G. G. Buchanan and Mrs. Marion Edmonds.

Two visitors were welcomed at the coffee: Mrs. J. C. Huffner of St. Petersburg, Florida and Mrs. H. M. Barlow.

Planned for April is a visit to Jugtown. The attendance prize was won by Mrs. Buchanan.

DEATHS

D. L. JORDAN

Dillon LeRoy Jordan, 69, Raleigh pharmacist, died March 26. Funeral services were held at Hayes Barton Baptist Church with burial in Montlawn Memorial Park.

NOAL J. BLACKMORE, SR.

Noal J. Blackmore, 59, Wilmington pharmacist, died in New Hanover Memorial Hospital on April 5 following a short illness.

A graduate of Butler University, Mr. Blackmore was part owner and pharmacist at Turner's Drug Store in the North Seventeen Shopping Center. He was a veteran of World War II and was awarded the Bronze Star for heroic service while engaged in the Luzon Campaign with the 6th Army in 1945.

Survivors include his widow, Mrs. Ethel Virginia Ragland Blackmore; one son and a daughter; and two brothers.

M. L. BLANKENSHIP

Mabrey Lee Blankenship, 65, Spencer, died April 1 following an illness of two weeks.

A native of Danville, Virginia, Mr. Blankenship had been associated with Rowan Drug Store of Spencer for the past 24 years. He came to Salisbury as an employee of Malone Drug Store after service with Peoples Drug Store.

Survivors include the widow, Mrs. Lucille Hatchett Blankenship, two sons and a sister.

MRS. E. C. DANIEL

Mrs. Elvah Jones Daniel, 80, of Zebulon, died March 25 after several weeks of illness.

A charter member of the Woman's Auxiliary of the NCPhA, Mrs. Daniel was the widow of NCPhA Past President E. C. Daniel, who died in 1968.

Survivors include E. Clifton Daniel, Jr., associate editor of the New York Times, and four grandsons.

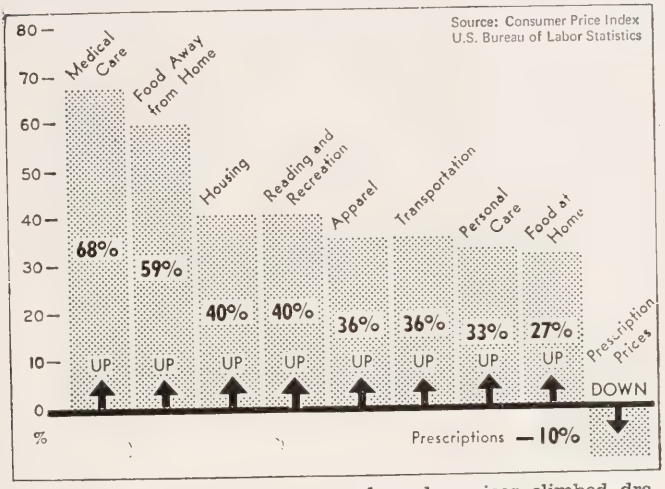
E. W. GRIFFIN

Ellerbe Wilson Griffin, 87, of Kings Mountain, died March 22 following an illness of several months.

A native of Union County, Mr. Griffin owned and operated Griffin Drug Store of Kings Mountain for more than 50 years. His son, Wison Griffin, Jr., a graduate of the UNC School of Pharmacy, assumed management of the pharmacy when his father retired several years ago.

Mr. Griffin was a graduate of Southern College of Pharmacy and was active in the religious, civic and community life of Kings Mountain.

Prescription Prices Down 10% While Cost Of Living Climbs



The cost of most consumer goods and services climbed dramatically during the past decade, according to the Consumer Price Index of the U.S. Bureau of Labor Statistics.

The only notable exception was the cost of prescription drugs which declined 10% during the 10 year period.

According to the Index, cost of medical care increased 68% from 1960 through 1970. Food away from home increased 57%, housing went up 40%, both apparel and transportation rose 36%, personal care climbed 33%, and the price of food for home consumption increased 27%.

Commenting on the reduction in prescription drug prices, Willard B. Simmons, executive secretary of the National Association of Retail Druggists, said that both retail pharmacists and pharmaceutical manufacturers can be proud of their record in reducing prices during the inflationary period. "This achievement is especially remarkable in view of continuing improvements in drugs which control and cure disease, relieve pain, and extend lives for Americans everywhere," he added.

Institutional Pharmacy Practice

STAFFING AND TRAINING OF PERSONNEL FOR AN I.V. ADDITIVE AND ADMINISTRATION PROGRAM

by JACK H. UPTON*

Regarding the staffing and training of personnel for an I.V. Admixture and/or Administration Program, I would like to relate to you the actual experience we have had in this particular area at Moses Cone Hospital here in Greensboro. Moses Cone is a 427 bed, general, short-term hospital with an average patient census this year of 381. The pharmacy—Central Sterile Supply—I.V. Therapy Department is open from 8:00 A.M. to 11:00 P.M. daily.

First I would like to discuss the staffing of our I.V. Therapy Program. Before our I.V. Admixture and Administration Program began, a survey was conducted on the Nursing Divisions for the number of large volume parenteral solutions that were being prescribed. We were mainly concerned with:

1) The number of I.V.'s which required additives
2) The number of I.V.'s which required veni-punctures

This survey did not include medications prescribed for Intermittent Intravenous Therapy. By Intermittent I.V. Therapy, I mean the Administration of Medications on a specified dosage regimen by the I.V. route; however, these Medications are *not* added to a large volume parenteral solution. The majority of these Medications are not reconstituted in the Pharmacy. We only reconstitute the Medications for Intermittent Therapy purposes when the dosage prescribed is other than the exact dose supplied in the vial. Our hospital uses two basic techniques for Intermittent I.V. Therapy:

1) The Medication is added to a volume control chamber on an Intravenous Administration set where the infusing fluid is used as the Diluent, or
2) The Medication is added through the injection site on the I.V. set of the fluid being infused. This latter method is known as I.V. "Push" or "Bolus" Therapy.

Very few I.V. orders in our hospital are for less than 250 ml., unless they are ordered on an Intermittent Therapy Basis as I just described. Therefore, the survey for depicting our future I.V. workload was based mainly on large volume parenteral usage.

It was decided from this survey that three Registered Nurses would be hired to administer the I.V. fluids that were being prescribed on selected nursing divisions. Besides being responsible for starting the I.V. fluids on these key divisions, they were also "On Call" to other areas when their help was needed. These "On Call" areas were Emergency Room, Surgery, Recovery, Delivery, Coronary Care, and Intensive Care.

By *not* assuming full responsibility for the entire hospital this allowed a leverage to see if adequate staffing had been programmed. Even though the I.V. team nurses performed Veni-Punctures only on selected nursing divisions, Admixtures were prepared in the pharmacy for the entire hospital, except for surgery, recovery and delivery. No additional personnel were hired for the Admixture Program that was now the responsibility of the pharmacy. The five staff pharmacists assumed this new responsibility along with their other job functions.

The I.V. team nurses assisted the pharmacists with Admixtures as frequently as they could. Since the Admixture and Administration Program was totally new, it was months

*Mr. Upton is Director of Pharmacy, Central Supply, I.V. Therapy, Moses H. Cone Memorial Hospital, Greensboro, North Carolina.

before the I.V. team was fully accepted for performing Veni-Punctures. Many physicians still started I.V.'s on their own patients. Therefore, the I.V. nurses were not as busy at the beginning of the program as they were later, thus allowing them to assist the pharmacists in the Admixture area.

Even with this assistance from the I.V. nurses, one pharmacist spent 80% of his time on the day shift preparing I.V. Admixtures. Our departmental policy is to mix all I.V. fluids as close as possible to the time that they are needed. Exceptions to this rule are fluid orders needed on the evening or night shifts. These fluids are mixed at the end of the day shift whenever possible, depending on the type of additives, when the fluids are to be "Added-On," and the rate of infusion. It should be noted that no I.V. fluids are mixed more than twelve hours before they are to be "Added-On." All I.V. fluids in our hospital have a twenty-four hour or less expirational dating. All fluids must be completely infused within twenty-four hours from the time they are admixed. When admixing is done in advance, these three factors, Types of Additives, "Add On" time and rate of infusion, must be considered. Since the number of departmental personnel is reduced on the evening shift, Admixtures performed before the day shift personnel leave at 4:30 P.M. are a tremendous help to the second shift personnel.

This procedure was followed for six months until acceptance of the I.V. Program by physicians increased the work load of the department, making it impossible to provide the service that was being demanded. One additional I.V. nurse was therefore added to our team to help with the Admixtures and to assist with the Veni-Punctures. As the program steadily grew, another I.V. nurse was added to the team one year later. This I.V. nurse was mainly hired for assisting with admixing on the day shift where 77% of the Admixtures were being performed.

With one part time I.V. nurse, this now gave us six R.N.'s to cover two shifts, seven days a week.

Coverage was as follows:

MONDAY-FRIDAY—Three (3) R.N.'s—8:00 A.M.-4:30 P.M.
MONDAY-SUNDAY—One (1) R.N.'s—2:30 P.M.-11:00 P.M.
SATURDAY-SUNDAY—Two (2) R.N.'s—8:00 A.M.-4:30 P.M.

It is becoming increasingly difficult, however, to provide requested services with only one R.N. on the evening shift, so another position has been established to assist with both Admixtures and Veni-Punctures on the evening shift. Also, the "On-Call" areas that were established at the beginning of the program for the purpose of I.V. Administration are really not "On-Call" areas any longer, with the exception of Surgery, Recovery and Delivery.

Based on our past year's activity, we have experienced a 13% increase in our work load. If this increase continues in the coming years, our present I.V. team personnel will have to be increased.

For admixing purposes, only one person is required to be available on the day and evening shift, seven days a week. Eighty percent (80%) of one person's time is needed for admixing on the day shift (approximately six and one-half hours) and 35% of one person's time is needed on the evening shift (approximately two hours). Total daily Admixture time is approximately eight and one-half hours, spread over both shifts.

To give you an idea of our staffing requirements in relationship to the number of Admixtures we perform on a daily basis, our average is sixty-five Admixtures a day. The percent of Admixtures performed on the day shift is 77% compared to 23% on the evening shift.

During the month of February there were twelve days when the number of Admixtures performed was greater than the average. Some provision needs to be made for

assistance on these days without causing permanent over-staffing. Therefore, for staffing purposes, our I.V. program provides:

1) Three-four R.N.'s on weekdays 8:00 A.M.-4:30 P.M. with 80% of the admixing performed by the nurses in addition to performing Veni-Punctures.
2) Two R.N.'s on evenings, seven days a week where 20% of the admixing is performed by nurses, in addition to performing Veni-Punctures.
3) Two R.N.'s on weekends where 20% of the Admixtures are performed by nurses in addition to Veni-Punctures.
4) One pharmacist on days and evenings, seven days a week, where he performs 20% of the admixing on days Monday through Friday and 80% of the admixing on weekends and during the evening shift. In addition to assisting with admixing, the pharmacist checks each admixed fluid for clarity, particulate matter, incompatabilities, dosage, etc., before each fluid is released for infusion.
5) One Pharmacy Technician on days, seven days a week, where he spends 16% of his time restocking the shelves with I.V. fluids, syringes, needles, etc.

The estimated staffing requirements for an I.V. Admixture service depends not only on the number of Admixtures prepared each day, but the other specific functions that are assigned to pharmacists, I.V. nurses, and technicians. For example, consideration needs to be given, not only to the time it takes to perform an I.V. Admixture, but to the other job functions which are involved with such a program . . . for example, restocking of shelves, delivery of the I.V. fluids, pricing, cleaning up, and reconstitution of additives. Even though personnel do not need to be available 100% of the time, they need to be available on demand, and staffing requirements need to be adjusted accordingly: that is, to implement such a program after staffing requirements are determined does not necessarily mean one must hire this number of personnel—as partial coverage can possibly be met by personnel already in the department. Also procedures vary from hospital to hospital regarding intravenous administration. Medications may be ordered as additives to:

1) Large Volume I.V. fluids (250 ml.-1000 ml.).
2) Small Volume I.V. fluids (50 ml. or less).
3) Volume Control Chambers on I.V. Sets (100 ml.)
4) As I.V. "Push" or "Bolus," where it is given through the injection site on the intravenous administration set of a fluid which is already infusing.

All of these procedures are an important part in determining the activity of an I.V. Admixture Program. Therefore, the staffing of such programs will vary from one hospital to another of comparable size depending on the different demands that are placed upon each institution.

TRAINING:

The training period for our registered nurses, once they become a member of the I.V. team, is one mainly consisting of practice, with less emphasis on the theoretical aspects of the program. If technicians or L.P.N.'s were used in our program, a more theoretical approach would be used, with greater emphasis on pharmacology, physiology and anatomy. However, due to the experience and previous training of our registered team nurses, we have not found it necessary to discuss the basic information relative to the circulatory system, review the anatomy of the body, or to have in-depth lectures regarding the pharmacology of Medications which can be given by I.V. Administration.

Certainly the pharmacological aspects of our I.V. Admixture and Administration Program are of paramount importance to us. There is not a day that goes by void of discussion regarding drug action, dosage range, side effects, toxicities, or precautionary measures of some sort.

Yet, our I.V. team nurses have had either three (3) or four (4) years of college education, and in most cases, many years of experience in nursing practice. They have given most of the Medications that are now being admixed in the pharmacy time and time again. They already know the "Basic Information" on the Medications we are using. They do not need to be programmed in drug nomenclature, symbols, abbreviations, expressions of concentrations, etc. Therefore, the approach that is used for training of personnel in an I.V. Admixture and Administration program depends on educational background, experience, and over-all capabilities.

Depending on the individual I.V. team nurse, our training period lasts approximately four (4) weeks, most of which is on-the-job training. No member of the I.V. team is left unsupervised until both she and the department feel confident she is qualified to perform the necessary services that are expected of her.

The basic outline of the training program for I.V. team nurses is as follows:

1) The I.V. team nurses train in surgery and in recovery areas performing Veni-Punctures with plastic indwelling catheters (mainly angiocaths and intracaths). This is done under the instruction and guidance of the Anesthesiologists. Since our nurses have had previous experience in performing Veni-Punctures with scalp vein sets, little practice is needed with this particular type needle.
2) The I.V. team nurses attend lectures given by the Pathologists on blood and blood products, since the administering of blood and blood products is also an I.V. team responsibility along with the administration of I.V. fluids.
3) The I.V. nurses study the various pharmaceutical preparations used in the Admixture Program with which they are not familiar or thoroughly knowledgeable particular emphasis is placed on the side effects that could possibly occur when these Medications are administered intravenously and other precautionary statements they should be aware of.
4) The use of proper aseptic technique is of utmost importance. The principles on how the Laminar Air Flow Hood operates, and the techniques which we have outlined for the adding of Medication to the I.V. fluids are discussed. This includes the selection of the proper equipment for this purpose. The nurse's basic background in aseptic technique is most helpful in this particular area.
5) Mathematical Calculations are reviewed only as specific problems are encountered. Particular emphasis is given here to dilution factors, units versus Milli-Grams, special % solutions, as for pediatrics, and the number of milli-equivalents that may be needed for a hyperalimentation case once the laboratory data is known, since some physicians leave it up to the pharmacy to calculate the patient's electrolyte needs.
6) I. V. incompatibilities are a primary concern of the I.V. nurses since they perform the majority of the I.V. Admixtures. We have compiled an I.V. incompatibility guide listing all the Medications we have encountered in the Admixture area. Not only are they responsible for learning how the incompatibility guide is used, but they are also responsible for helping to up-date the guide as additional information becomes available. This helps to keep them more aware of the changes that are constantly taking place in this particular area. The I.V. nurses are trained as to the different types of incompatibilities that can exist, and through experience learn the reasons why certain Medications can not be added to certain I.V. fluids or combined with other Medications. They are also trained to be aware if the various pH's of the I.V. fluids and the pH's of Medications which are utilized in the program, as well as to watch for certain physical changes, such as a a change in color.
7) Emergency patient care is of extreme importance to the I.V. team nurses. The

nurses are members of the cardiac arrest or "Code Blue" team. They are trained in the proper technique of the service they are to perform in these situations. Not only do they carry certain emergency Medications (Large and Small Volume), on their I.V. carts, but they also know the contents of the emergency drug boxes which are kept on the nursing divisions so they can assist with the retrieval of these Medications as quickly as possible. They are the pharmacy's representative for "Code Blue" emergencies.

8) The I.V. nurses are trained for disaster preparedness. They man two stations during times of disaster. They assist in the first aid station with the pharmacist and in the burn station where I.V. Therapy is badly needed; depending on the severity of the burn. The nurses' responsibility in these two areas are learned in advance and are carried out at the time the disaster occurs.

9) Quality control is essential in an I.V. Admixture program. The nurses are trained to look for "Floaters," cracks in the I.V. bottles, coring and other possible means of contamination.

10) Last, but not least, the I.V. nurses are trained in I.V. policies and procedures. A complete "I.V. Team Guideline" was developed to guide them in the administration of I.V. fluids. Full knowledge and understanding of these guidelines is absolutely necessary. The nurses have to become familiar with the procedures involved in dealing with physicians, nursing staff, and patients. They have to know what Medications can be administered to adult and pediatric patients in emergencies and in cases of anaphylactic reactions—needless to say, the I.V. nurses must become completely trained in all procedures outlined in the guidelines.

In conclusion, I would like to say that if we, as hospital pharmacists, are going to keep pace with the changing times, and expand our pharmaceutical services, it is going to be necessary to utilize personnel other than pharmacists, whether it be nurses, L.P.N.'s, or Technicians, in order to provide more meaningful pharmaceutical services . . . . such as I.V. Admixture and/or Administration Programs.

ABBOTT-CUTTER TENTATIVE AGREEMENTS

David L. Cutter, president and chief executive officer of Cutter Laboratories, Berkeley, Calif., and Edward J. Ledder, president and chief operations officer of Abbott Laboratories, North Chicago, jointly announced that a tentative agreement has been reached between their two corporations regarding a license from Cutter to Abbott which would provide Abbott with the technical know-how to produce intravenous solutions and equipment utilizing the Cutter solid-rubber closure and intravenous delivery system. Such an agreement should enable Abbott to quickly resume the manufacture of intravenous solutions and related equipment with the well-established and accepted Cutter closure and equipment design. In addition, Ledder stated that Abbott is continuing intensive work to resolve the problems associated with its present screw-cap closure system for intravenous solutions in the United States.

A proposal that Cutter Laboratories manufacture a portion of its intravenous solution products in existing Abbott production facilities in Rocky Mount, N. C. which are currently out of production, also has been agreed upon tentatively. These arrangements could substantially contribute to rapidly alleviating the present shortage of these vital products in American hospitals. Cutter stated that Cutter Laboratories is currently operating at capacity in its own existing intravenous-solution production facilities.

THE MOSES H. CONE MEMORIAL HOSPITAL
PHARMACY-CENTRAL SUPPLY-I.V. THERAPY DEPARTMENT

STAFFING PATTERN FOR I.V. ADMIXTURE AND ADMINISTRATION PROGRAM

	Week Days (Monday-Friday)	% Admixing Time***	Week Ends (Saturday-Sunday)	% Admixing Time***
I.V. Nurses	(D) 8:00 A.M.-4:30 P.M. #3 to 4* (E) 2:30 P.M.-11:00 P.M. #2	64% x 1 R.N.** 7% x 1 R.N.**	(D) 8:00 A.M.-4:30 P.M. #2 (E) 2:30 P.M.-11:00 P.M. #2	16% x 1 R.N.** 7% x 1 R.N.**
Pharmacists	(D) 8:00 A.M.-4:30 P.M. #1 (E) 4:30 P.M.-11:00 P.M. #1	16% x 1 Rx'ist** 28% x 1 Rx'ist**	(D) 8:00 A.M.-4:30 P.M. #1 (E) 4:30 P.M.-11:00 P.M. #1	64% x 1 Rx'ist** 28% x 1 Rx'ist**
Pharmacy Technicians	(D) 8:30 A.M.-5.00 P.M. #1	16% x 1 Tech.** (Stocking Purposes Only)	(D) 8:30 A.M.-12:30 P.M. #1	16% x 1 Tech.** (Stocking Purposes Only)

D=Day Shift
E=Evening Shift
*=Number of nurses present on week days fluctuates due to scheduled "off" days.
**=Remaining time utilized for I.V. administration, dispensing, or other departmental functions.
***=Total admixing time=approximately 8.5 hours per 2 shifts; 6.5 hours (80% of one person's time) per day shift and 2.0 hours (35% of one person's time) per evening shift.

PHARMACY CASE OF THE MONTH

(Refer to Page 8 for The Case)

ANSWER: Under proposed regulations of the Bureau of Narcotics and Dangerous Drugs, the following guidelines are useful in this emergency situation (little, if any, change is expected in these proposed regulations):

1. The quantity of the prescription must be limited to that necessary for the emergency period.
2. The prescription must be immediately reduced to writing by the pharmacist.
3. Unless the physician is known to the pharmacist, a reasonable effort must be made to determine that the oral authorization came from a licensed practitioner.
4. The physician, or other licensed practitioner, must provide the pharmacy with a written prescription within 72 hours. Both the oral prescription reduced to writing and the practitioner's written prescription must be filed together in the Schedule II file. The pharmacist must notify the appropriate office of the Bureau of Narcotics and Dangerous Drugs if a practitioner fails to provide a signed prescription within 72 hours.

In order to comply with the proposed regulations, Bob may properly fill this prescription (after May 1, 1971), but must obtain a written prescription signed by Dr. Smith within 72 hours.

TMA FOUNDATION

Recent contributions to the TMA Foundation:

(1) From Colorcraft Corporation, Durham
(2) From L. M. McCombs, Creedmoor
(3) From C. Rush Hamrick, Jr. and Gordon G. Hamrick in memory of
   (a) Mrs. William A. Yandell of Pineville
   (b) Mrs. Leonard Morrow of Rutherfordton
   (c) Mr. Jimmie A. Sherrill of Lenoir

HOSPITAL PHARMACISTS NEEDED

Several hospitals are currently seeking pharmacists. Positions open include director and staff positions. The hospitals are located in major Piedmont cities, eastern and western North Carolina and salaries are negotiable. Interested pharmacists should contact Fred M. Eckel or Don C. McLeod at the School of Pharmacy, Chapel Hill (966-1122).

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Volume LII May 1971 Number 5

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SCHOOL OF PHARMACY

AN ENDING AND A BEGINNING—As B. Cade Brooks (left) concludes his term of office as President of the North Carolina Pharmaceutical Association, the association's newly installed President, John C. Hood, Jr. of Kinston, receives the organization's gavel. Each red rose shown in background was placed there in memory of a deceased member of the NCPhA—April 1970 thru April 1971. Photo by Colorcraft

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The Carolina JOURNAL OF PHARMACY

May, 1971

Vol. LII No. 5

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LIFE MEMBERSHIP PRESENTED TO MARION HOYLE

Marion Hoyle of Cooleemee was presented a Life Membership in the North Carolina Pharmaceutical Association on April 25.

The certificate was presented by Edwin R. Fuller of Salisbury following a talk by Bob Hall of Mocksville.

A number of out-of-town guests were present for the ceremony. The Salisbury Sunday Post (April 25) covered the event with an interest character sketch about Mr. Hoyle.

At 81, Mr. Hoyle, now semi-retired, on occasion helps out his two sons, Bob and Ed, who are in direct management of Cooleemee Drug Company.

Cooleemee Drug Company was established by Mr. Hoyle in 1915. He has been a member of the NCPhA since 1919.

RETURNS TO CIVILIAN PHARMACY

Following release from active duty on May 4, Lt. Harry M. Sullivan accepted employment with Smith's Drugs of Waynesville.

During the past year, Lt. Sullivan has been stationed at Parris Island, South Carolina, in the Medical Detachment of the Marine Corps Recruit Depot.

J. WATKINS ASSIGNED TO SALES TERRITORY BY WYETH LABORATORIES

James Lee Watkins, Jamestowne Apartments, Columbia, South Carolina, has been appointed sales territory manager by Wyeth Laboratories. The appointment was announced by L. J. Hymel, vice president—sales and promotion.

Mr. Watkins, who graduated from the University of North Carolina in 1969 with a B.S. degree, has his headquarters with Wyeth in Columbia. He and his wife, Frances, have one daughter.

He recently completed an initial training course at Wyeth's administrative and research headquarters in Radnor, Pa. The training program provided comprehensive instruction in the company's broad line of products, including antibiotics, oral contraceptives, various other prescription drugs and the company's infant nutritional formula, S-M-A(R).

Officers of the Wake County Pharmaceutical Association for 1971-72, left to right: Oscar Elmore, Executive Council Member; Sherlynn Powell, Secretary; Jerry Johnson, Vice President; Don Carter, Treasurer; John Myhre, President; and Eddie Coats, President-Elect.

Highlights of the 91st Annual NCPhA Convention

Presentation of awards featured the opening session of the 91st annual convention of the North Carolina Pharmaceutical Association and Affiliated Auxiliaries.

The evening session was keynoted by a "mighty welcomed" newcomer to North Carolina, the President of Burroughs Wellcome Company, Fred A. Coe, Jr. Burroughs Wellcome is one of the world's leading pharmaceutical producers. It has just re-located its total American operation from Tuckahoe, N. Y., to the Research Triangle Park and Greenville, N. C.

Introduced by 4th District Congressman Nick Galifianakis, Coe pointed out that there were two important reasons for his company's decision to move from New York to North Carolina. "First," he said, "the facilities at our Tuckahoe location were not particularly suited for further expansion. Second, the Research Triangle Park concept intrigued our company directors. So, south to the 'greener pastures' of North Carolina came Burroughs Wellcome, administrative headquarters, research laboratories, manufacturing plant, and all."

Coe also explained that Burroughs Wellcome is owned by the Wellcome Foundation of England which, in turn, is endowed by a charity organization, the Wellcome Trust. Consequently, profits from the Company support further world-wide research programs and do not go into the pockets of stockholders.

Following Coe's remarks, 1st District Congressman Walter B. Jones introduced pharmacists associated with Burroughs Wellcome. Forty-two are presently with the Company's North Carolina operation.

The announcement of the 1971 Pharma-

Officers of the N. C. Pharmaceutical Association for 1971-72 are shown above, left to right, front row: John C. Hood, Jr., President; Donald Miller, President-Elect; W. Whitaker Moose, Second Vice-President; W. H. Wilson, Third Vice-President; W. J. Smith, Secretary-Treasurer; and B. Cade Brooks, Immediate Past President. Members of the Executive Committee are pictured, left to right, rear row: Roger Sloop, Frank Yarborough, Tom Burgiss and James L. Creech. Photo by Colorcraft

NCPhA Convention

cist-of-the-Year in North Carolina was made following Congressman Jones' introduction. The winner is Robert B. Hall of Mocksville. Owner of Hall Drug Company in Mocksville, Hall has been a past president of the NCPhA, past president of the Pharmaceutical Research Foundation in Chapel Hill, and is presently a Trustee of the Consolidated University of North Carolina. He will be honored with a dinner at a later date in Mocksville.

Five pharmacists licensed to practice pharmacy for 50 years were inducted into the "50 Plus Club." They were Leighton Dewy Cain, Concord; Clayton Lloyd Guion, Aberdeen; Howell Newton Guion, Marshville; John Craton Mills, Mt. Airy; and Ira Otis Wilkerson, Greensboro.

The annual Robin's Bowl of Hygeia Award for outstanding community services went to Edwin R. Fuller of Salisbury, and the Don Blanton Award, in recognition of the pharmacist contributing most to the advancement of North Carolina Pharmacy during the past year, was presented to Walter K. Saunders, Jr., of Burlington.

For public relations effort at the local level, particularly in connection with drug abuse education programs, "Speaker of the House" certificates were presented to: James W. Adams, Asheville; Council Foy Bradshaw, Tarboro; David R. Davis, Williamston; John A. Dawson, Jr., Charlotte; Dewayne P. Franzen, Greensboro; Larry Robert Godwin, Lynchburg, Va.; Quint H. McCoy, Grover; W. R. (Bill) McDonald, Hickory; Seth George Miller, Lexington; Nancy Pike Mitchener, Edenton; John H. Myhre, Garner; Robert Stedman Neal, Burlington; Mrs. Jean W. Payne, Greensboro; Jesse M. Pike, Sr., Concord; Jesse M. Pike, Jr., Carrboro; W. L. Vanderburg, Burlington; and Howard A. Yandle, Durham.

Certificates of appreciation in recognition of exceptional meritorious service to the advancement of public health and welfare, with emphasis on highly successful drug abuse information programs, were awarded to:

Dr. George P. Hager, Dean of the School of Pharmacy, University of North Carolina

Jesse M. Pike, Director of the Pharmacy Student Drug Abuse Information Project

Mrs. Louis Harris of Chapel Hill, Chairman of the MOD (Misuse of Drugs) Project of the Woman's Auxiliary of the NCPhA.

Four preceptors and four interns were honored for their superior performance in meeting requirements of North Carolina's pharmacy internship program:

J. D. Erwin and Miss Joyce B. Long of Rockingham

Gerald M. Stahl and Danny Joe Yates of Durham

Fred M. Eckel and Miss Judith K. Coan of Chapel Hill

Fred A. Holt and John Henriquez of North Wilkesboro.

A sharp drop in drug costs, success with state-wide drug abuse projects, draft deferment warning signals for pharmacy students, and increasing venereal disease were topics presented during the Monday session of the 91st annual meeting of the North Carolina Pharmaceutical Association.

Nick Avellone, President of the National Association of Retail Druggists, Dr. George P. Hager, Dean of the UNC School of Pharmacy, and B. Cade Brooks, President of the NCPhA made these observations in their addresses before the North Carolina Pharmaceutical Association members and guests.

Avellone pointed out that NARD is embarking upon a massive educational campaign to dispel the widespread and erroneous public opinion that the cost of drugs is high. "Contrary to this opinion," Mr. Avellone explained, "the cost of prescription drugs has declined 10 percent during the past decade."

"This decline in prescription prices over the past ten years has been a remarkable achievement," Avellone pointed out, "especially since it was made during a period of inflation and rapidly rising prices."

Dean Hager began his remarks on a positive note by suggesting that programs designed to deal with drug abuse in North Carolina appear to be finding their mark. Under these programs, Hager said that last

summer 173 teachers, counselors, and administrators of secondary schools across the State were given intensive drug abuse training sessions.

In addition, more than 80 pharmacy students, after a period of training, have made presentations to student audiences totaling approximately 52,000 in more than 200 secondary schools in the state.

Another program designed to deal with the drug problem helped to collect and distribute sets of drug abuse informational brochures to every secondary school with seventh grade or above and to every county library in North Carolina.

But just as Dean Hager began his report on the bright side, he concluded with gloom for the prospects of future draft deferments for pharmacy students. "Termination of deferments for undergraduate students seems to be almost a certainty as Congress extends the Military Selective Service Act."

Hager said, "The recommendation that pharmacy students be classified on the same basis as students of medicine and related fields is urgently needed." He went on to call for a favorable report by the National Security Council, which must act on this recommendation.

In the NCPhA President's Address, B. Cade Brooks reported to the association members and guests about a rapidly growing problem. "While we have been directing our attention and our efforts to drug abuse," he cautioned, "another problem has reappeared—V. D.—venereal disease."

"In some instances, doctors have reported venereal disease as more widespread than drug abuse. . . . V. D. is increasing at more than five times the population rate of increase."

Brooks also pointed out that it takes far greater dosages of penicillin to treat V. D. now than it did 15 years ago.

"During the year ahead," Brooks concluded, "we would encourage the N. C. Pharmaceutical Association to mount a major campaign in the area of V. D. prevention. We have evidence that our response to the challenge of drug abuse has had a positive impact on slowing this creeping menace. Now, let us devote some of our professional knowledge to preventing V. D."

Eugene Hackney, in presenting the Report of the Committee on Employer/Employee Relations, announced a survey on employee salaries and fringe benefits would be conducted by the committee this summer.

The Chairman of the Legislative Committee, W. H. Randall, presented three pharmacy bills (see page 21) which were approved by the convention delegates.

More than an hour of the program's time was allotted to presentation of an illustrated/sound presentation—The Big Store Retailing Challenge in the 70's. Part of the program involved NC Mutual's cooperative advertising program.

The April 20 morning session was concluded with guest speaker Vincent J. Lozowicki of the Bureau of Narcotics & Dangerous Drugs. The numerous questions referred to Mr. Lozowicki relating to Controlled Substances Act indicated a high interest in the subject on the part of the pharmacists present.

Two panel presentations—one on April 19, the other on April 20—were well received by the convention registrants. A wide range of subjects of current interest to pharmacists were presented by the panelists with questions and answers following.

Moderator of the April 19 panel presentation was Donald Miller, who presented the following panelists: John C. Hood, Jr., Frank Yarborough, Claude U. Paoloni and Whitaker Moose.

The April 20 presentation was moderated by Jesse Pike with the following panelists participating: A. Lyle Davis, J. D. Whitehead, David Work, Seth Miller, Tom Burgiss and W. H. (Bill) Wilson.

Resolutions, Nominations and Report of the Registrar (Al Mebane) completed the final session along with installation of officers. Wilmington was selected as the 1973 Convention City.

NOMINEES FOR OFFICE FOR 1972

FOR NCPhA FIRST VICE-PRESIDENT
(President-Elect)

William G. Forrest, Akers Center Pharmacy, Gastonia

W. Whitaker Moose, A. W. Moose Drug Co., Mt. Pleasant

FOR NCPhA SECOND VICE-PRESIDENT

Mack Elmo McCorkle, Medical Center Pharmacy, Burlington

W. H. Wilson, Hayes-Barton Pharmacy, Raleigh

FOR NCPhA THIRD VICE-PRESIDENT

Frank M. Hemingway, Bethel Pharmacy, Bethel

Lloyd M. Whaley, Wallace Drug Company, Wallace

FOR MEMBER OF NCPhA EXECUTIVE COMMITTEE 1 YEAR TERM

Thomas W. Barnes, Suttle's Drug Store, Shelby

Donald K. Chapman, Baptist Hospital Pharmacy, Winston-Salem

Marion M. Edmonds, Edmonds Drugs, Greensboro

Rex A. Paramore, Ward Drug Company, Nashville

Walter K. Saunders, Jr., Alamance Memorial Hospital Pharmacy, Burlington

Joe P. Tunstall, Tayloe Drug Company, Washington

FOR MEMBER OF N. C. BOARD OF PHARMACY 5 YEAR TERM

Wade A. Carter, Gaston Memorial Hospital, Gastonia

Jesse M. Pike, Pike's Drug Store, Concord

FOR DIRECTORS OF NORTH CAROLINA PHARMACEUTICAL RESEARCH FOUNDATION

Joe P. Barbour, Sr., Burlington Drug Company, Burlington

Charles D. Blanton, Jr., Kings Mountain Drug Co., Kings Mountain

F. Herman Cline, T. A. Walker, Inc., Charlotte

Robert B. Hall, Hall Drug Company, Mocksville

Hoy A. Moose, A. W. Moose Drug Company, Mt. Pleasant

W. Prentiss O'Neal, O'Neal Drug Company, Belhaven

Albert P. Rachide, New River Pharmacy, Jacksonville

John T. Stevenson, Overman & Stevenson, Elizabeth City

CONVENTION REGISTRATION

NCPhA Members	188
Visitors—Paying	6
Guests—No Fee	19
Guests—Burroughs Wellcome Pharmacists	33
Woman's Auxiliary Members	135
Traveling Men's Auxiliary	92
Pharmacy Student Wives	9
Pharmacy Students, UNC	35
Total	517

TOPS IN GOLF

L. G. Phillips, Jr., Chairman of the TMA-sponsored Golf Tournament which attracted 65 convention-attending golfers to the April 19 event in Durham, announces the following winners (based on Calloway System):

NCPhA Division

Low net score: Dewayne Franzen, Bessemer Pharmacy, Greensboro (71)

High net score: J. E. Upchurch, Jr., Kerr Rexall Drug, Durham (78)

TMA Division

Low net score: Bill Brewer, Justice Drug Company, Greensboro (71)

High net score: Ben Hawfield, McKesson & Robbins, Charlotte (80)

Low Gross for Tournament

Bill Thames, Professional Drug Company, Fayetteville (78). A special trophy will be presented to Mr. Thames.

$67,000 IN PAST DUE ACCOUNTS COLLECTED

Since the Association-sponsored I. C. System collection program was initiated, total debtor collections to date total more than $67,000. These were all past due accounts.

A number of pharmacies have collected more than $1,000 and in one case, the total is more than $4,000.

For details of the I.C. Collection System, refer to Page 23.

let's get down to brass tacks

Two giant product shows each year.

Gilpin offers continuing programs of merchandising ideas to its customers. The highlights of this plan include our January product show featuring summer goods, and our July-August presentation emphasizing fall and gift selections. Dates for this year's fall and gift merchandise show are as follows: For **Baltimore-Washington-Dover: July 18th-25th,** Gilpin Baltimore Division, 7401 Pulaski Highway, Baltimore, Maryland. For **The Tidewater Region: August 1st-8th,** Gilpin Norfolk Division, 6435 Tidewater Drive, Norfolk, Virginia. Please mark down these dates. We know you'll want to attend. Contact your Gilpin representative or Division Sales Manager for more details and to make your appointment.

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4. **A professional planning and remodeling service** within our organization which includes complete service in floor design, fixture and installation.
5. **Professional help in site selection**, store development and in lease acquisition for desirable sites.
6. **Computerized inventory and billing systems.** This modern computerization also makes possible a wide range of additional data services including regular issuance of individual monthly reports of DACA drugs showing quantities and dates on which they were submitted.
7. **A financial service consultant** to service you on request.
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9. **Two giant product shows each year:** in January featuring summer goods; in July featuring selections of fall and gift merchandise and emphasizing promotional sundries.
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RESOLUTIONS ADOPTED BY

North Carolina Pharmaceutical Association April 20, 1971

1. The North Carolina Pharmaceutical Association strongly support favorable action by the National Security Council on a recommendation of the National Health Resources Advisory Committee that pharmacy students, in the professional years of the curriculum, be classified, under existing regulations (1622.26) on the same basis as other health professional students.
2. The North Carolina Pharmaceutical Association endorse the objectives of the National Driving Center and urge its members to publicize the immediate need for launching the Center to the thousands of North Carolina citizens who daily enter the pharmacies of the state.
3. The North Carolina Pharmaceutical Association congratulate the Burroughs Wellcome Company on its decision to come in our midst and that we reaffirm a cordial welcome to this firm and its people, and be it further resolved that the pharmacists of this state pledge their full support to this fine firm and extend best wishes for its successful operation.
4. The North Carolina Pharmaceutical Association select its delegates to national conventions for overlapping two year

(Concluded on Page 13)

Officers of the Woman's Auxiliary, NCPhA, 1971-72, left to right: Mrs. Dewayne Franzen, Greensboro, Second Vice-President; Mrs. R. I. Cromley, Jr., Raleigh, Recording Secretary; Mrs. George Cocolas, Chapel Hill, President 1971-72; Mrs. William P. Wells, Durham, Past-President and Advisor; Mrs. Grover Creech, Smithfield, Retiring President and Advisor; Mrs. William G. Thames, Fayetteville, First Vice-President; Mrs. Joseph C. Estes, Jr., Reidsville, Parliamentarian; Mrs. W. Artemus West, Roseboro, Treasurer. Not present: Mrs. Jesse Pike, Concord, Historian; Mrs. Morris E. Hedgepeth, Henderson, Corresponding Secretary; Mrs. W. J. Smith, Chapel Hill, Coordinator. Photo by Colorcraft

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Resolutions, Continued

terms so that at least one member of each delegation will be experienced in and informed of the affairs to be considered.

5. The pharmacists of North Carolina, through the North Carolina Pharmaceutical Association, strive to require continuing education of pharmacists as a prerequisite for relicensure in North Carolina and that the N. C. Society of Hospital Pharmacists offer its full support to such an endeavor.
6. The North Carolina Pharmaceutical Association commend the NARD for its foresight and effort to resolve the problems (misunderstanding and other difficulties between members of the cosmetic industry and retail drug store outlets).
7. The North Carolina Pharmaceutical Association express its appreciation to the pharmacists of Durham, especially Mr. & Mrs. W. P. Wells, local chairmen; to all contributing distributors listed in the program, the North Carolina wholesale druggists, TMA Auxiliary, Woman's Auxiliary, Durham Hotel management, officials of the City of Durham, and to all the local committeemen who labored to make the 91st annual NCPhA Convention an overwhelming success.

One resolution, pertaining to labeling of all prescription medications as prescribed, unless the prescribing physician directs otherwise, as adopted by the State Medical Society and referred to the NCPhA for implementation, was referred to the NCPhA Executive Committee for further study and recommendation.

Officers of the Traveling Men's Auxiliary of the NCPhA for 1971-72, left to right: L. D. Davidson of Monroe, President; Zack Lyon of Durham, First Vice-President; L. M. McCombs of Creedmoor, Secretary-Treasurer; and C. H. Smith, Assistant Secretary-Treasurer. Photo by Colorcraft

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This policy reflects Roche interest in the general problems of pharmacy management, as well as the pharmacist-doctor, pharmacist-patient and pharmacist-community relations. There are many of your colleagues at Roche—practical professionals in various management positions—who help make the policies and provide the services that help you meet the challenge of pharmacy today.

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NEW INTERNSHIP MANUAL FROM NABP

The path of pharmacy internship experience will be clearer with the new "Introduction to the Practice of Pharmacy—A Guide for Preceptors and Interns," now available from the National Association of Boards of Pharmacy.

This 64-page manual has been revised, updated and extended from the Association's "Pharmacy Preceptor's Guide," introduced in 1964. The new title better reflects the manual's utility for both the preceptor and intern. As with the previous edition, the "Introduction" is the official Association publication for internship evaluation, standards and procedures.

Dr. Robert K. Chalmers, professor of clinical pharmacy at Purdue University, worked almost a year in re-editing the manual with the assistance of a joint committee of the NABP and the American Association of Colleges of Pharmacy.

Contents of the "Introduction" begin with the philosophy of the preceptor-intern relationship. Daily activities and experiences to be included in community practice are studied in a chapter divided into beginning, intermediate and advanced training sections. The growing consultative and professional responsibilities encountered in the institutional environment are considered in an outline chapter, serving as a guideline for this relevant type of internship experience. Both reasons and resources for continuing education are approached in a separate division. And the first appendix of the manual includes an updated listing of recommended materials for the pharmacy practice library.

A second appendix consists of sections of the 1968 report of the NABP Committee on Internship Training. This report sets guidelines for a national format of quality, uniform internship training.

A sample "Introduction to the Practice of Pharmacy" will be sent at no cost to deans of colleges of pharmacy and representatives of state and national pharmaceutical associations. Additional manuals are available from the National Association of Boards of Pharmacy, 77 West Washington Street, Chicago, Illinois 60602. The price per copy is $1.00. Orders in excess of 100 copies will be given a 10 per cent discount.

UNC PHARMACY SCHOOL TO PRESENT COMPUTER SYSTEMS CONFERENCE

The School of Pharmacy of the University of North Carolina will sponsor a conference on "Computer-Based Information Systems in the Practice of Pharmacy," July 18-21.

The pharmaceutical industry and profession has long recognized the need for automated systems to accommodate dramatic expansion in all areas. The UNC conference will examine in depth the information requirements that computer-based systems must meet in such areas as third party payments for prescription drugs, drug interactions and adverse reactions, drug recalls and other measures that effect the practice of pharmacy and patient care.

Experts in health care and pharmacy fields include Dr. Vernon E. Wilson, Administrator, Health Services and Mental Health Administration, Department of Health, Education and Welfare; Dr. Keith M. Weikel, Director, Division of Health Evaluation, Department of Health, Education and Welfare, Washington, D. C.; and Dr. David P. Jacobus, Vice President, Basic Research, Merck, Sharp and Dohme, Rahway, New Jersey.

Dr. George P. Hager, Dean of the UNC School of Pharmacy is Conference Director. Paul D. Olejar, Director of Drug Information Programs at the UNC School of Pharmacy is Conference Coordinator.

Joseph A. Higgins, Director of the Social Security Administration's Drug Task Force which has been studying the question of how payments for prescription drugs might be handled efficiently, will lead the workshops dealing with third party payments.

Further information regarding the Conference on Computer-Based Information Systems in the Practice of Pharmacy may be obtained from the UNC School of Pharmacy, Chapel Hill, N. C. 27514.

NORTH CAROLINA NCPhA NAMES SALISBURY PHARMACIST 1971 RECIPIENT OF OUTSTANDING COMMUNITY SERVICE AWARD

Salisbury pharmacist Edwin Rudolph Fuller has been honored by the North Carolina Pharmaceutical Association as its 1971 recipient of the A. H. Robins "Bowl of Hygeia" Award for outstanding community service.

Fuller, owner of Innes Street Drug Company, received the award April 18 during the association's annual convention in Durham.

Making the presentation was Alvin Jenkins, district manager in the Carolina Division of A. H. Robins Company. Participating in the ceremony was B. Cade Brooks, president of the North Carolina Pharmaceutical Association.

The recipient, a native of Franklin County, N. C., received his degree in pharmacy from the University of North Carolina.

Fuller is a director and past president of the Salisbury-Rowan Merchants Association, chairman of the Rowan County Department of Social Services Board, and a director of the Rowan chapter of the National Conference of Christians and Jews.

He also is a member and past president of the Lions Club, a member of the Board of Deacons of First Baptist Church, and a member of the Salisbury Sales and Marketing Executives Club.

In the past, Fuller has served as treasurer of the Rowan County chapter of the American Cancer Society and the Salisbury Community Chest, a director of the Salisbury-Rowan YMCA, and area chairman of the $115,000 fund raising campaign for capital

Edwin Rudolph Fuller (center), Salisbury, N. C., pharmacist, receives the A. H. Robins "Bowl of Hygeia" Award for outstanding community service by a pharmacist from Alvin Jenkins, district manager in the Carolina Division of A. H. Robins Company. At right is B. Cade Brooks, president of the North Carolina Pharmaceutical Association. The ceremony took place April 18 during the association's annual convention in Durham. The "Bowl of Hygeia" Award is presented annually to a North Carolina pharmacist through the North Carolina Pharmaceutical Association.

improvements at the Central Carolinas Scout Camp.

Fuller is a member and past president of the North Carolina Pharmaceutical Association and a member of the North Carolina Academy of Pharmacy, the National Association of Retail Druggists and the American Pharmaceutical Association.

The Bowl of Hygeia, most widely recognized international symbol of pharmacy, derives from Greek mythology.

Hygeia was the daughter and assistant of Aesculapius (sometimes spelled Asklepios), the God of Medicine and Healing. Her classical symbol was a bowl containing a medicinal potion, with the serpent of Wisdom (or guardianship) partaking of it. This is the same serpent of Wisdom which appears on the caduceus, the staff of Aesculapius which is the symbol of medicine.

The "Bowl of Hygeia" Award, presented annually through the North Carolina Pharmaceutical Association, is a handsome mahogany plaque measuring 10 by 13 inches and featuring the Bowl of Hygeia cast in bronze. It is modeled after a sterling silver bowl made by a Mexican silversmith and given to the A. H. Robins Company by its Latin American representatives in 1953 on the Richmond (Va.) ethical pharmaceutical manufacturing firm's 75th anniversary.

An appreciation of the time and personal sacrifice devoted by pharmacists to the welfare of their respective communities prompted E. Claiborne Robins, chairman of the board and chief executive officer of the company, to establish the award in 1958. It is now presented annually in each of the 50 United States, the District of Columbia, Puerto Rico and all 10 provinces of Canada.

Two NCPhA-Endorsed Insurance Plans Which Merit Member Participation

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NEW PHARMACIES

1. Springs Road Pharmacy, 2400 Springs Road, Hickory. Russell Sigmon, Jr., pharmacist-manager. Russell Sigmon, Jr., Mack Means and Fred Fitzgerald, owners.
2. College Park Pharmacy, 77 McAdenville Road, Belmont. W. N. Thrower, Jr., pharmacist-manager. W. N. Thrower, Jr. and W. N. Thrower, Sr., owners.

CHANGE IN OWNERSHIP

1. Tri-City Pharmacy, 544 Morgan Road, Eden. Timothy Walker, owner and pharmacist-manager.
2. Boulevard Drug Company, Inc., 260 Boulevard Street, Eden. Gary Roberson, pharmacist-manager. Gary Roberson and Alvis Kallam, owners.
3. Ideal Drug Store, 733 Haywood Road, Asheville. Phillip F. Crouch, pharmacist-manager. Phillip F. Crouch and Sandra Crouch, owners.
4. Medical Arts Pharmacy, 1600 North Main Street, Waynesville. James Winfree, pharmacist-manager. James Winfree and Roy Smith, Jr., owners.
5. Brisson Drugs, 132 West Broad Street, St. Pauls. George W. Peal, owner and pharmacist-manager.
6. Martin Drug Company, 1113 North Main Street, Kannapolis. H. F. Rickard, III, owner and pharmacist-manager.

RECIPROCITY

1. William Harold Briner, Durham (From Pennsylvania)
2. Gordon Wendell Cox, Jr., Spartanburg (From South Carolina)
3. Berly Omerle Derrick, Jr., Cola, S. C. (From South Carolina)
4. Dorothy Lois Campbell Hinz, Salisbury (From Iowa)
5. Myron James Norman, Rutherfordton (From Virginia)
6. Lawrence Santifer Robison, Garner (From Mississippi)
7. Kenneth Gene Souder, Bristol, Tenn. (From Tennessee)
8. Laura Neale Vranian, Sanford (From Virginia)
9. Robert Spencer Moser, Johnson City, Tenn. (From Michigan)

PHARMACIES CLOSED

1. Eckerd Drugs, 420 N. Trade Street, Winston-Salem
2. Savoia's Catawba Pharmacy, Salisbury
3. Hickory Pharmacy, Hickory
4. Service Drug Store, Fayetteville
5. Adams Pharmacy, Carolina Beach
6. Williford Drug Company, Kannapolis
7. Mason's Pharmacy, Asheville
8. Monterey Asheville Nursing Home Pharmacy, Asheville
9. WilGro Pharmacy, Charlotte
10. Dutton Drug Store, Hickory
11. YMI Drug Store, Asheville

OWNERSHIP OF THREE EDEN DRUG STORES INVOLVED IN APRIL SALES TRANSFER

Ownership of three Eden drug stores was involved in a sale transfer in April.

Thomas M. Kirkpatrick has purchased Carolina Drug Company from N. H. McCollum, effective May 15. For the past year, Mr. Kirkpatrick has been associated with Gibson's of Thomasville.

Chandler Drug Store No. 2 has been sold to Gary Roberson and Alvis Kallam, both long-time employees of Tri-City Pharmacy.

Tim Walker of Roxboro has assumed ownership and management of Tri-City Pharmacy.

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CONTRIBUTES $1000 TO FUND

The North Carolina Pharmaceutical Association recognizes with appreciation another $1000 contribution received from Mrs. Thomas J. Ham, Jr. of Yanceyville.

The contribution has been placed in the Association's endowment fund which was started by the late Thomas J. Ham, Jr., who was instrumental in establishing the North Carolina Institute of Pharmacy following service as president of the NCPhA.

Over the years the Endowment Fund has grown to the point where the returns on investments are of appreciable assistance to the annual budgets of the NCPhA.

Contributions to the Endowment Fund may be made in any amount at any time. Information relative to the Fund may be obtained by writing W. J. Smith, P. O. Box 151, Chapel Hill, N. C. 27514.

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Short Title: Pharmacist General License

A BILL TO BE ENTITLED
AN ACT TO PRESCRIBE THE REQUIREMENTS FOR THE LICENSING OF PHARMACISTS.

The General Assembly of North Carolina do enact:

Section 1. The second paragraph of G.S. 90-61 is hereby rewritten to read as follows:

"In order to become licensed as a pharmacist within the meaning of this article, an applicant shall be not less than 21 years of age; he shall present to the Board of Pharmacy satisfactory evidence that he is a graduate of a reputable school or college of pharmacy and that he has had practical experience in pharmacy under the supervision of a licensed pharmacist, which experience shall be approved by the Board of Pharmacy and shall not be required to exceed one year as may be determined by the Board of Pharmacy; and he shall also pass satisfactorily an examination of the Board of Pharmacy: Provided, that any person who has had two years of college training, and has been filling prescriptions in a drugstore or stores in North Carolina under the supervision of a licensed pharmacist for 15 years or longer, may take the examination as provided above."

Sec. 2. This act shall become effective July 1, 1971.

COMMENTS

Requirements for Pharmacist License (Rewrite P. 2 of G.S. 90-61)

This bill does two things:

1. It will allow the Board of Pharmacy to establish rules to require *less* (but not more) than the one year of practical experience that is now required for license. The practical experience requirement is being changed rapidly throughout the country. This bill will enable our Board to be consistent with other states without having to go to the Legislature each time a change in the practical experience requirement is made. With the improvement in the educational program for pharmacy, the tendency is to reduce the amount of practical experience required but to improve its quality. This change will also help protect our reciprocity arrangements.

2. Under our present "grandfather" clause any person who has had two years of college training and has been filling prescriptions in a drug store or stores for twenty years can be admitted to the examination for license. Persons from *any state* might qualify under present law. The change in this law would reduce the experience from twenty years to fifteen but would require that all fifteen years of experience must be in North Carolina.

The three pharmacy bills appearing on pages 21-22-23 passed the North Carolina Senate on May 14 and were sent to the House for consideration. The proposed legislation had been approved by the Association's executive and legislative committees and endorsed by the convention delegates in Durham on April 20.

SMITH WHOLESALE DRUG CO.
SPARTANBURG, SOUTH CAROLINA
FAST SERVICE — DELIVERIES — ACTION

Short Title: Pharmacist Intern License

A BILL TO BE ENTITLED
AN ACT TO PERMIT THE BOARD OF PHARMACY TO ISSUE PHARMACIST INTERN LICENSES.

The General Assembly of North Carolina do enact:

Section 1. There is hereby added to Article 4 of Chapter 90 of the General Statutes a new section to be designated as G.S. 90-61.1 and to be inserted following G.S. 90-61 and before G.S. 90-62, said new section to read as follows:

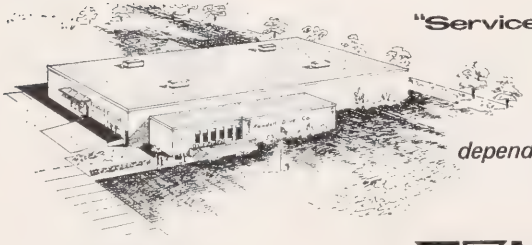
"G. S. 90-61.1. *Pharmacist intern license.*—The Board of Pharmacy may license pharmacist interns with the period of such license not to exceed two years. To be licensed as a pharmacist intern, an applicant shall be not less than 20 years of age, shall present to the Board of Pharmacy satisfactory evidence that he is a graduate of a reputable school or college of pharmacy, shall have had at least three months of practical experience in pharmacy under the instruction of a licensed pharmacist, which experience shall be approved by the Board of Pharmacy, and shall pass a satisfactory examination by the Board of Pharmacy. A licensed pharmacist intern shall be entitled to the same practice privileges and responsibilities as an assistant registered pharmacist licensed pursuant to Article 4 of Chapter 90 of the General Statutes except that a licensed pharmacist intern may not supervise the rendering of pharmaceutical services by an unlicensed person as provided in G.S. 90-71 or manage a pharmacy as provided in G.S. 90-73."

Sec. 2. This act shall become effective July 1, 1971.

COMMENTS

Licensed Pharmacist Intern (new)
Presently the pharmacy school graduate who has received three months of practical pharmacy internship experience and has passed the theoretical portion of the Board examinations has no more professional recognition under the law than the porter or soda fountain clerk in a drug store. The purpose of this bill is to change that situation so as to accord this graduate the recognition that he deserves.

Obviously a graduate who meets the qualifications was prescribed by this bill is a well-trained individual who can function safely in a limited pharmacy practice. This bill would allow the *licensed* intern to practice during the temporary absence (lunch period, evenings, etc), of the pharmacist. He could not, however, supervise the work of unlicensed clerks nor could he "conduct or manage" a pharmacy. Legally, the licensed intern would fit about midway between an unlicensed clerk and a licensed assistant pharmacist. Under this proposal he could hold this status not to exceed two years.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Every modern ingredient for rendering prompt, dependable service to the druggists of Western Carolina
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SHELBY, N.C.

Short Title: Pharmacists Reciprocity

A BILL TO BE ENTITLED

AN ACT TO AUTHORIZE THE BOARD OF PHARMACY TO ISSUE LICENSES WITHOUT EXAMINATION TO PERSONS LICENSED AS PHARMACISTS BY BOARDS OF PHARMACY OF OTHER STATES.

The General Assembly of North Carolina do enact:

Section 1. G.S. 90-64 is hereby amended by rewriting said section to read as follows:

"G.S. 90-64. *Pharmacist licensed by reciprocity.*—The Board of Pharmacy may issue a temporary or probationary license to practice pharmacy in this State for a period of not less than one year, without examination, to any person who has been legally registered or licensed as a pharmacist by a board of pharmacy of another state, if the applicant shall present satisfactory evidence of the same qualifications as are required from licentiates in this State and that he was registered or licensed by examination by such other board of pharmacy, and that the standard of competence required by such other board of pharmacy is not lower than that required in this State; provided, that the Board, pursuant to regulations adopted by it, may issue a regular license as a pharmacist to an applicant who has practiced for one year in this State as a temporary or probationary pharmacist."

Section 2. This act shall become effective July 1, 1971.

COMMENTS

License without Examination (Reciprocity)

In recent years the Board of Pharmacy has encountered problems with some pharmacists who come to our state by reciprocity. These problems involve such things as securing reciprocity for the express purpose of acquiring a pharmacy permit pending the securing of a permanent pharmacist-manager, en mass registration of large numbers of pharmacists employed by corporations, which pharmacists never locate in the state, "itinerant pharmacists" who frequently change places of employment, registration of pharmacists with problem "backgrounds," etc.

The changes effected by this bill would tend to limit pharmacists coming to this state by reciprocity to those who have serious intention of practicing here. Such a pharmacist, under the revised law, must practice in this state for one year before being eligible to be certified as pharmacist-manager. The new law would also enable the Board to make a better investigation of the background of pharmacists coming to our state by reciprocity than can be done at present.

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Your Association's Collection Service is an affiliate of a national organization currently serving members of more than 300 leading trade associations throughout the nation.

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On request, A representative of the I. C. System will explain the collection program in detail.

Call or write the NCPhA, Box 151, Chapel Hill, North Carolina 27514

NORTH EASTERN N.C. PHARMACEUTICAL SOCIETY

Report by W. P. O'Neal, Jr.

Two new National Cash Registers were demonstrated at the April 14 meeting of the North Eastern North Carolina Pharmaceutical Society. The meeting, held in Williamston, was called to order by President Gerald May.

The National Cash Register Company representatives present for the meeting were C. R. Wiggins, Smith Kirkland and Marty Geyer.

CLEVELAND COUNTY DRUG ASSOCIATION

Report by Kenneth L. Dingler

The Cleveland County Drug Association held its monthly dinner meeting in Shelby on April 18 with President Dennis Beatty of the Mountaineer Pharmacy, Kings Mountain, presiding.

After routine business was completed, a roundtable discussion, led by Ken Dingler of Suttle's Drug, Shelby, was held concerning the Controlled Substances Act of 1970. By consolidating ideas and interpretations, those present, at least for the time being, were able to resolve numerous questions relative to the Act.

The Association meets the third Sunday of each month. All Cleveland County pharmacists, store owners and managers, manufacturer's representatives and wholesalers are invited.

WAKE COUNTY

Report by Jerry Johnson

Dr. David R. Work of the UNC School of Pharmacy was guest speaker at the April 6 meeting of the Wake County Pharmaceutical Association. The meeting, held at the Raleigh Woman's Club, was attended by 33 members and guests.

The Association voted to contribute a Drug Identification Kit to the Wake County Drug Action Committee.

John C. Hood, Jr., the newly installed president of the North Carolina Pharmaceutical Association, at the May 4 meeting of the Wake County Pharmaceutical Association, gave a report on the just-completed 91st annual meeting of the NCPhA and installed officers for the coming year—see page 4.

Ballots for "Outstanding Pharmacist of the Year" were cast with presentation of the winner to be announced at next meeting of the Wake organization.

ROCKINGHAM

Report by Joe Estes, Jr.

The Rockingham Society of Pharmacists, meeting on April 25, heard an in-depth discussion of the Controlled Substances Act of 1970 by Dr. David Work of the UNC School of Pharmacy.

The Rockingham organization is now meeting bi-monthly. Formerly, quarterly meetings were held. Pharmacists from the area of Madison, Reidsville and Eden are members of the group.

HARNETT COUNTY

The pharmacists of Harnett County plan to organize a county pharmaceutical society.

DISTINCTIVE

Carry your store's identity by color and personalized copy right into your customers home..... for the life of the Prescription.

Another plus value of the modern paper box with its clean fresh label.

E. N. ROWELL CO., INC.
BATAVIA, NEW YORK

SURVEY RESULTS OF RX PRICE VARIATION ANNOUNCED

The variance in prescription prices between one pharmacy and another can be attributed to variations in thirty-six factors directly related to pharmacy operating costs. R. A. Gosselin and Company, Inc. has isolated these price-affecting factors by statistical analysis of the prices charged and the operating characteristics of nearly two thousand pharmacies.

The National Association of Retail Druggists (NARD) and the National Association of Chain Drug Stores (NACDS) sponsored the study jointly in an effort to provide new insights into prescription price variation, especially for those charged with implementing third-party payment programs.

The NARD and NACDS scheduled a conference in Washington, D. C., on May 5 to present the findings of the study to various government officials and legislators. The two Associations commissioned the fifteen-month study in order to contribute to the solution of the problems of reimbursing pharmacists for their services in providing drug therapy to program beneficiaries under widely varying circumstances.

The study shows that the most important factors influencing costs of operation and prices of prescriptions, in order of importance, are:

1. Region of United States
2. Type of store
3. Special customer services
4. Local urbanization and income
5. Purchasing source
6. Welfare and insurance program involvement
7. Duties and services of pharmacist
8. Community services performed by the pharmacists

A number of approaches to variable reimbursement plans are possible, based upon the findings of the study which establishes a positive relationship between prices charged and pharmacy operating characteristics and costs.

Findings indicate that an alternative to the practice of reimbursing pharmacists on the basis of actual drug acquisition costs plus a fixed dispensing fee is feasible and advantageous to program administration and to pharmacies. Cognizance of the degree to which the factors are present or absent in individual pharmacies would allow for flexibility in reimbursement to accommodate pharmacies whose characteristics clearly differ. These differences are expressed by an index number calculated for each pharmacy, based upon the thirty-six factors about the necessity of providing complex and often unobtainable information from a pharmacy's financial statements.

The study outlines a method which would allow pharmacists to use the regular price charged to the general public as the basis for all prescription claims. A Prescription Services Index (PSI) for each pharmacy would relate the prices submitted to norms established by periodic national audits. Prices for a given quantity of a specific drug product which fall within a reasonable statistical range for all pharmacies with similar PSI values could be processed without delay. Some adjustment might be required for those which exceed the normal range for all pharmacies with similar characteristics. Under this suggested approach, pharmacists could (1) utilize a true professional fee based upon the services rendered in the pharmacy, or (2) work with a percentage markup system, or (3) a modification or combination of either.

Among the advantages of the Prescription Services Index are the following:

* Encourages free competition.
* Minimizes time spent in claims submission and processing.
* Does not hinder the dedicated pharmacist who provides service at reasonable cost.
* Allows efficient control of costs through faster review of pricing excesses.
* Easily implemented and simple to understand for all involved.

R. A. Gosselin and Company, Inc., of Dedham, Massachusetts, is an internationally known pharmaceutical market research firm. Its National Prescription Audit, published regularly for twenty years, served as a bench mark in analyzing the study data.

RX FILING ALTERNATIVES FOR PHARMACIES UNDER NEW BNDD REGULATIONS EXPLAINED

Pharmacies have three alternatives available for filing prescriptions under the Comprehensive Drug Abuse Prevention and Control Amendments of 1970. The implementing regulations permit a pharmacy to maintain either two or three separate files, depending upon the method of compliance chosen.

First, a pharmacy can establish three separate prescription files. One file should include only the prescriptions for controlled drugs dispensed and covered by Schedule II. Another file should include only prescriptions for controlled drugs dispensed and covered in Schedules III, IV and V. The remaining (third) file should contain all prescriptions for drugs dispensed but not controlled by BNDD in Schedules II, III, IV or V (all the non-controlled drug prescriptions).

Second, a pharmacy can establish two separate files. Here, the regulations permit two distinct alternatives.

In one file, the pharmacy can file all prescriptions for drugs controlled in Schedule II and in the other (second) file, maintain all prescriptions for non-controlled drugs dispensed and controlled drugs dispensed in Schedules III, IV and V. This method of compliance parallels most closely that followed by most pharmacies today. If only two files are maintained, then the prescriptions for the controlled drugs in Schedules III, IV and V, commingled with the non-controlled prescriptions, must be stamped in red with the letter "C" at least one-inch high in the lower right-hand corner. This requirement is to permit BNDD inspectors to readily identify prescriptions for controlled drugs.

Third, in one file the pharmacy can file all prescriptions for all controlled drugs in all Schedules, and all of the non-controlled drugs in the other prescription file. If this method of compliance is chosen, the prescriptions in the controlled-drug file for drugs in Schedules III, IV and V must be stamped with the red "C."

These are the three methods of prescription filing permitted under the BNDD regulations and a pharmacy is free to choose whichever method best suits its needs. For pharmacies choosing one of the alternatives requiring the red "C" to be stamped on the prescription, it is permissible to draw the required "C" in the proper place, as a temporary and interim measure, until the pharmacy can obtain a stamp.

Early in April, a new firm established especially to service the special pharmacy requirements of the BNDD regulations, known as PharmaService Company, mailed an offer to supply the required red "C" stamps. The firm chose a preinked stamp which will deliver between 25,000 and 30,000 impressions from its self-contained ink supply. This is sufficient, according to PharmaService, to last the average pharmacy about two years.

"A 'C' stamp in pharmacies will get plenty of use daily," a PharmaService spokesman notes, "and any pharmacy with a volume as low as 60 Rx's a day, stamping as few as half that number, will save the entire cost of the stamp in the first month of use on labor alone."

PharmaService Company is located at 305 Ninth Street, N.W., Washington, D. C. 20005, and has the preinked "C" stamps, one-inch high, in red, for $3.50 each, two for $6.50, and three for $9.00.

SURRY

The annual installation banquet and ladies night of the Surry Pharmaceutical Association was held in Mount Airy on May 2.

Gene Bristol was installed as president of the Association for the coming year. He succeeds Ernest Randleman.

Ray Hagwood of Roay's Pharmacy, Dobson, is vice president and John E. Mills, Wolfe Drug Company, Mount Airy, the secretary-treasurer.

BUNCOMBE COUNTY

A detailed report on the Controlled Substances Act was presented to members of the Buncombe County Pharmaceutical Society at a recent meeting in Asheville. Dr. David Work of the UNC School of Pharmacy was the guest speaker.

JUSTIFICATION AND ADMINISTRATION OF AN INTRAVENOUS ADDITIVE PROGRAM*

By W. T. Williams†

Parenteral administration was pioneered in the early 1880's and advanced steadily as new physiologic concepts, accuracy of dosage, and better analytical methods for investigation of body fluids were developed.[1]

Today physicians are using the parenteral route more frequently in the administration of drugs.[2] Many modern drugs are available in forms for oral, intramuscular or intravenous administration. There seems to be a tendency, especially among the younger internists, to prescribe drugs to be given intravenously to hospitalized patients.[3]

Physicians favor the intravenous route because the onset of action is almost immediate and high blood levels can be achieved and maintained with ease. Furthermore, by utilizing a single bottle of I.V. solution, the physician can prevent excessive fluid intake, reduce the number of injections, and obtain simultaneous or synergestic drug action. This route of administration is commonly used also for a number of other reasons.[4]

1. The patient may be unconscious.
2. The patient may be nauseated or vomiting.
3. The body cannot absorb some drugs from the GI tract.
4. Certain drugs are rendered inactive by gastric and digestive enzymes.
5. The drugs action may be needed instantly.
6. The patient may have severe imbalance of fluid and electrolytes.
7. Certain drugs may be extremely painful to the patient when administered IM.

Dr. Souders, writing in *Intravenous Therapy*, has stated: "Relatively little hospital experience is necessary to appreciate the problems which arise when, in addition to the untoward effects of intravenously administered drugs, one considers the physical and chemical incompatibilities of various drugs and multiplies the problem by attempting mixtures of two or more drugs in intravenous solutions."[5]

Franke, writing editorially in the American Journal of Hospital Pharmacy in 1965, said:

> "Many believe that the days of polypharmacy are gone. This is not true. Much polypharmacy is still practiced in hospitals but the person who compounds these complex preparations is not a pharmacist but a nurse. The preparations she compounds daily are not simple mixtures for topical application, but often very complex mixtures for IV or IM injection where the action of the drug is instant. The place where they are compounded is not in the sterile room of a pharmacy department, but on heavily congested nursing units under poor environmental conditions."[6]

We have made much progress since 1965, but I believe most would agree there is room for much more.

In attempting to justify a program for IV admixtures, I believe it is necessary to consider three groups—hospital administration, medical staff, and nursing service. It is hard for me to decide which group is most important. I can say that no single group should be considered to the exclusion of another.

It has been stated that five important hazards are involved by allowing additives (and we can include reconstitution of small volume parenterals as well) in areas outside the pharmacy domain. They are:

1. Inadequate facility or area in which additives are handled;
2. Sound principles of aseptic technique;
3. The mixed product may not be labeled properly or may not be labeled at all;
4. The mixed products may not be stored properly;
5. Proper reference to manufacturers literature.[7]

In attempting to justify an IV additive program, I believe these points will serve as a cornerstone. How many here today

* Presented at the Intravenous Additive Seminar, Greensboro, N. C., March 20, 1971.

† Director of Pharmacy, Purchasing & Central Supply, Community General Hospital, Thomasville, N. C.

recognize from one or more of these points a situation which exists in his hospital.

Justifying an IV additive program is a selling job. Some may not like the sound of the term, but it makes it none the less so.

If the points previously mentioned are not sufficient to justify an IV admixture service, consider the problems of incompatibilities.

There are two kinds of incompatibilities—physical and chemical. The area of physical incompatibilities has been investigated to a greater extent than have chemical incompatibilities. Chemical incompatibilities involve chemical changes that may occur without visible change in the solution.[8] Everyone here today I believe recognizes the importance of incompatibilities. In working out a justification presentation, it should be easy to document the benefit to the patient in preventing this problem. E. L. Myers stated in 1965:

> "Because of the complexity of modern drugs, the one probably in the best position to consult with and advise the physician in regard to incompatibilities and mixing injectables is the hospital pharmacist. The pharmacist should accept his professional responsibility for advice and the compounding of parenteral mixtures since he is best equipped to meet the challenge of extemporaneous mixing and preparation of sterile products. He faces a significant problem in assuring that the products compounded in a hospital pharmacy do, in fact, comply with the highest professional standards necessary to produce a safe and effective drug that can be dispensed with confidence."[9]

In summary, it can be said that the pharmacist should be responsible for compounding parenteral admixtures for the following reasons:

1. From the view point of patient safety, pharmacists should be best qualified:
   a. to prevent pharmaceutical incompatibilities from occurring,
   b. to perform the intricate pharmaceutical calculations that may be required and
   c. to properly label the resultant solutions
2. From a total patient care standpoint, a significant savings in time for nursing personnel can be affected; this permits nurses to devote more of their time to functions that are uniquely theirs.[10]

Another reason for preparing solutions in the pharmacy is one of continuing education. The pharmacist can record and maintain information concerning incompatibilities and other IV information. The pharmacist can also aid and can sometimes be the impetus in developing proper procedures of technique in the administration of IV fluids. He may also aid in the training of all personnel who are active in this area. One needs only to read Dr. Duma's article in the February 4 issue of the New England Journal of Medicine to be made aware of how important correct technique is in this crucial area.

In addition to the professional considerations just mentioned, the hospital administration will be interested in a number of specific questions before approving an IV additive service.

Let's talk briefly about a number of items which will be of interest to the hospital administrator.

1. Will nursing time be saved? Studies will show that nursing time will be saved. Further, I believe studies will show a net savings in total personnel time.
2. Will additional equipment be required? The administrator will be interested in any additional monies which will be required. There will be new equipment requirements in an IV additive program. A later speaker on this program will speak on equipment required.
3. Will additional staff be required? Additional personnel is in a sense like additional equipment—it costs. In this day, personnel costs are of particular interest to the hospital administrator. In larger hospitals, there may be a need to increase the pharmacy staff to accomplish the goal of a centralized IV additive service. However, if a smaller hospital is to operate a centralized IV additive service, it

may be necessary for the pharmacist (because there may be only one) to be willing to undertake this program without additional personnel.

4. Work load data should be gathered to support the need for additional personnel, equipment, pharmacy hours, etc. Some of the data which should be presented is:
   a. Percent of solutions requiring additives
   b. Number of additives which require reconstitution
   c. Number of additives per solution
   d. The hours of administration (that is, what times the greatest number of orders for solutions are written).

Not to be overlooked in making a presentation to administration is charge control possible under this type of system.

A great deal of work has been done in the area of specific studies to justify an IV additive program. I refer you to a series of IV Additive Reviews appearing in *Drug Intelligence and Clinical Pharmacy* which will be of value in developing a presentation in support of an IV additive program. Each individual will have to decide for himself what studies are necessary in his institution to aid in gaining approval for a program.

I would like to take just a moment to say I believe the strongest and most effective presentations are those which are made in writing—gather your information, document it, commit a presentation to writing and present it. Then be prepared for a lot of hard work.

In conclusion, when the hospital pharmacy becomes responsible for the compounding of parenteral admixtures all the professional groups mentioned in the beginning benefit. Administration will appreciate a reduced liability to the hospital as well as increased control over patient charges. Nurses will appreciate the safety factors of better labeling, sterility of solutions, reduced potential for incompatibilities and time saved. Physicians who may at first be doubtful that such a service could be of value will rely on it.

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9. Kahn, Sidney and Z. R. Grabowski; *Ibid.*
10. Kahn, Sidney and Z. R. Grabowski; *Ibid.*

SUPPORT OF MEDICAL RESEARCH BY BURROUGHS WELLCOME EXCEEDS $13 MILLION

During the period 1968-70, The Wellcome Trust allocated $13,800,000 to the support of medical research, it was announced in the Eighth Report just released by The Trust.

The Wellcome Trust, a grant giving foundation, is trustee for all the shares of stock in The Wellcome Foundation Ltd. of London, England. The Foundation, in turn, heads an international group of pharmaceutical companies of which Burroughs Wellcome Co. is the U.S. subsidiary.

The Wellcome Trust was created by the will of its founder, Sir Henry Wellcome, in 1936 and its funds are derived from the distributable profits of the world-wide organization.

NC-PHARMPAC OFFICERS AND DIRECTORS ELECTED

At an organizational meeting of NC-PharmPac (North Carolina Pharmacy Political Action Committee) in Raleigh on April 18, the following officers were elected for 1971:

Executive Committee

B. Cade Brooks, Fayetteville, Chairman
W. P. O'Neal, Belhaven, Vice-Chairman
W. H. Wilson, Raleigh, Secretary-Treasurer
M. Elmo McCorkle, Burlington
W. L. Scarboro, Raleigh

Prior to the April 18 meeting in Durham, eleven directors had been elected by mail ballot. They are

Congressional District No.	
1	W. P. O'Neal, O'Neal's Drug Store, Belhaven, N. C. 27810
2	Rex Paramore, Ward Drug Co., Nashville, N. C. 27856
3	W. H. Randall, P. O. Box 995, Lillington, N. C. 27546
4	W. H. Wilson, Hayes-Barton Pharmacy, 2000 Fairview Road, Raleigh, N. C. 27106
5	William Simmons, 2610 Greenecrest Drive, Winston-Salem, N. C. 27106
6	Marion B. McCurdy, Carolina Drug Co., 115 E. Center St., Mebane, N. C. 27302
7	B. Cade Brooks, Fayetteville Drug Co., 114 Gillespie Street, Fayetteville, N. C. 28301
8	Whitaker Moose, P. O. Box 67, Mt. Pleasant, N. C. 28124
9	R. M. Brame, Red Cross Phar-

Officers of the Newly Organized North Carolina Pharmacy Political Action Committee (NC-PharmPac) are shown above, left to right: W. P. O'Neal of Belhaven, Vice-Chairman; W. L. Scarboro of Raleigh; B. Cade Brooks of Fayetteville, Chairman; M. Elmo McCorkle of Burlington; and W. H. (Bill) Wilson of Raleigh, Secretary-Treasurer. Photo by Colorcraft

macy, P. O. Box 279, North Wilkesboro, N. C. 28659

10 W. H. Houser, Houser Drug Co., Inc., P. O. Box 696, Cherryville, N. C. 28021

11 Kermit F. Wells, P. O. Box 143, Canton, N. C. 28716

PharmPac's Executive Committee will meet in Raleigh on May 20 to discuss preliminary plans designed to carry out the purposes of the organization, one of which is to assist pharmacists and others to organize themselves for more effective political action and greater participation in civic affairs.

TAR HEEL DIGEST

CARTHAGE—Shields Drug Store, in a daylight robbery in mid-April, lost $425 in cash taken from the store's safe. Three men, all black, entered the store, one going to the prescription department where the money was taken from an open safe.

HICKORY—Mrs. Terry (Miriam) Lawrence has been elected president of the Catawba County Democratic Women's Club. A 1963 graduate of the UNC School of Pharmacy, Mrs. Lawrence is employed by Highland Drug Store as a pharmacist.

WINSTON-SALEM—Burglars broke into the Revco Drug Store, Old Town Shopping Center, rifled the cash registers and made off with a safe containing more than $1,000. A similar robbery occurred at the store in March, 1970.

RALEIGH—Bill Scarborough of Kerr Drugs has been elected secretary of the Cameron Village Business and Professional Associates for the coming year.

ALBEMARLE—Rolf Ellis, Pharmacist at Stanly County Hospital, has been named vice-chairman of the newly organized Stanly County Community Organization for Drug Abuse Prevention.

DURHAM—Milton Skolaut, director of the Pharmacy Department at Duke Medical Center, has been reelected to a three-year term as treasurer of the American Society of Hospital Pharmacists.

KANNAPOLIS—J. D. Powell was handed a two-year prison sentence when found guilty in District Court on charges of possession of a hypodermic syringe and fraudulent attempt to obtain drugs.

BELMONT—Four women, including three sisters, have been arrested and charged with purchasing drugs with a forged prescription. Pharmacist Buzz Merritt of Catawba Pharmacy became suspicious when a too-well written Rx was presented to him. Merritt said "the MD just can't write that well."

SMITHFIELD—NCPhA Executive Committee member James Creech was guest speaker at a recent meeting of the Benson Kiwanis Club.

MOORESVILLE—Cash and merchandise valued at more than $1000 was stolen from the Revco Drug Center in a break-in at the pharmacy on April 7. The thief or thieves entered the pharmacy after cutting a hole in the roof.

PHARMACISTS MEET IN HAMLET

Jesse M. Pike, Concord pharmacist and member of the N. C. Board of Pharmacy, was guest speaker at a meeting of pharmacists in Hamlet in early May.

Mr. Pike reports an enthusiastic, cooperative group of pharmacists in that area of the state and predicts much positive good to come from their associated projects.

PHARMACY CASE OF THE MONTH

By Charles C. Pulliam, Instructor in Clinical Pharmacy, School of Pharmacy, The University of North Carolina at Chapel Hill

Patient A. B. is a 58-year-old male with an eleven year history of hypertension and congestive heart failure, and a four year history of chronic renal insufficiency secondary to an acute attack of glomerulonephritis. For the past ten months he has been maintained on 0.25 mg. of digoxin five days a week (daily except Wednesday and Sunday), 50 mg. of chlorthalidone each day, and a low salt diet. The patient has been admitted to his local hospital with premature ventricular contractions (PVC's), headache, blurred vision, anorexia, and apparent increased heart failure with a heart rate of 50 beats per minute. A diagnosis of digitoxicity has been made based on the signs and symptoms, and a serum potassium level of 3.1 mEq per liter (normal range: 3.8-5.0 mEq/L.).

Past medical history shows that his doctors have had difficulty regulating his digoxin dose since his episode of acute glomerulonephritis four years ago. Prior to that episode he had been maintained on 0.25 mg. of digoxin daily, but this was found to be excessive in the face of his chronic renal insufficiency. Accumulation and subsequent early symptoms of digitalis toxicity with this dose because of his reduced glomerular filtration rate. A trial of 0.125 mg. of digoxin daily was found inadequate to maintain digitalization. The five days per week schedule was found beneficial following a trial period of one month.

This hospital admission for A. B. was believed to be due to the patient's not conforming to his prescribed dosage schedule for digoxon. A. B.'s physicians requested that pharmacy services assist in determining a dosage and schedule which could be more easily followed in the future. What recommendations could be made?

ANSWER

Digoxin therapy is based on the concept that therapeutic effects require an initial loading dose and a daily maintenance dose to replace daily losses. In this manner therapeutic tissue concentrations are maintained. When renal function is normal, the daily maintenance dose is approximately 35% of the loading dose. When renal insufficiency is present, the daily maintenance dose must be adjusted according to kidney function values indicating the glomerular filtration rate.

It would appear that the five days per week digoxin schedule had been prescribed to compensate for the accumulation effect. In this way excessive amounts of digoxin in the system are excreted on days that no digoxin are taken. The daily digoxin requirements for A. B. are betweeen 0.125 mg. and 0.25 mg.; but oral solid dosage forms of digoxin are available only as 0.125 mg., 0.25 mg., 0.375 mg., and 0.5 mg. tablets.

A recommendation that A. B.'s physicians utilize digoxin elixir in required daily doses seems most practical for this case. Proper quantities of the elixir, which is available in 0.05 mg. per ml., would allow for a precise daily maintenance dose to be given. No accumulation would result with the proper dose, and the patient would be able to take his medication on a regular daily schedule. One further recommendation would be that a potassium supplement be prescribed for the patient. This should be adjusted at the time of re-establishing his daily maintenance requirements of digoxin.

An excellent reference regarding digoxin dosage has been published by Jelliffe in the *Annals of Internal Medicine* 69:703-717 (Oct.) 1968.

PHARMACY FILM

The new Parke-Davis-sponsored film "GO PHARMACY" is available on a free rental basis from the NCPhA.

The 15-minute full-color film was produced in North Carolina and includes many familiar pharmacy faculty members of UNC, Senator Henley, etc.

DRUG THERAPY PROBLEMS

"A Physician's View of Cephalexin (Keflex®)"

Janet J. Fischer, M.D.*

[Cephalexin (Keflex® by Eli Lilly and Company) is the first orally absorbed cephalosporin antibiotic released which is effective against many systemic infections. The drug is quite expensive and therefore complete information on its proper use is necessary to prevent costly misuse. We are privileged to present here the authoritative comments on Cephalexin of an expert in infectious disease, Dr. Janet J. Fischer. It is necessary for us as pharmacists to understand and promote the rational use of all drugs. It is with an appreciation of this responsibility that Dr. Fischer's critical comments are presented.—Stephen M. Caiola, Director, Clinical Pharmacy Program, School of Pharmacy, University of North Carolina, Chapel Hill, N. C.]

Oral antibiotics are desirable because of ease of administration and preference by the patient. It has long been hoped that an oral cephalosporin derivative would become available. The first one of these to reach the market, Cephaloglycin (Kafocin®), is effective only in urinary tract infections because appreciable blood levels are not obtained. By contrast, Cephalexin (Keflex®) given orally at a dose of 250 mg. four times a day provides a peak blood level of 18 micrograms per ml. Hence, it can be used not only for urinary tract infections but for systemic infections, and thereby makes Cephaloglycin obsolete, since the antimicrobial spectrum is the same.

Cephalexin, like the other parenteral cephalosporin derivatives, has a fairly wide antimicrobial spectrum. However, it must be appreciated that it is not as good a drug in terms of antimicrobial activity against *E. coli*, staphylococci, *Klebsiella*, *Proteus mirabilis*, salmonella, pneumococci or viridans streptococci as either Cephaloridine (Loridine®) or Cephalothin (Keflin®). Hence, to gain an oral route of administration some antimicrobial activity has been sacrificed. However, the drug is effective and can be used in urinary tract infections due to *E. coli* or *Klebsiella*, but of course not due to *Aerobacter* since these organisms are generally resistant. It can also be used for staphylococcal infections. However, no serious infection due to any of the above mentioned organisms should be treated with this drug. Instead, the parenteral cephalosporin drugs, are more preferable. This makes the use of this drug quite limited.

Now for possible specific indications: For an *E. coli* or a *Klebsiella* urinary tract infection it would be effective. However, there are many other drugs which are equally effective and which cost a great deal less. So Cephalexin is not the drug of choice, not even in a urinary tract infection due to a penicillin resistant staphylococcus. Systemic infections that are mild are better treated by the other cephalosporin derivatives that are given parenterally because of their greater antimicrobial activity.

What then are the clinical indications for the use of Cephalexin? The most significant one, I think, is in a patient with a mild, usually local, infection due to a penicillinase-resistant staphylococci if such a patient has been shown to be allergic to the penicillin group of compounds. Even in this situation other drugs such as Erythromycin or Lincomycin (Lincocin®) can be used. Because of its cost Cephalexin should be limited to the situation mentioned above or to a situation where the organism is not sensitive to any other antimicrobial drug. This latter situation would be a clinical rarity.

Because of the wide antimicrobial spectrum Cephalexin will be promoted by the drug company for many minor infections. Physicians (and pharmacists) should oppose this. Better drugs are nearly always available and because of the high cost it should not be used except under the above mentioned very narrow circumstances. Needless to say, the drug is not active against *Aerobacter aerogenes* which plays a significant role in superinfection in the hospital, and it is not active against *Pseudomonas* or the enterococci.

* Associate Professor of Medicine, Division of Infectious Diseases, School of Medicine, University of North Carolina, Chapel Hill, N. C. 27514.

PROPOSED PROCEDURE FOR DISPENSING PRESCRIPTIONS TO ELIGIBLE PATIENTS OF THE FOOTHILLS MENTAL HEALTH CENTER OF BURKE COUNTY

PREFACE

This proposal was prepared in the spirit of uniting private enterprise with government in trying to improve significantly the health of mankind; more particularly, to provide a sustained improvement picture of rehabilitation of our community's mental outpatients. It is felt that in achieving this goal, our wisest steps should be toward encouraging the full use of our well distributed (geographically) pharmaceutical manpower as an existing health resource to provide the 'closest to home' professional services. By utilizing these present on-going pharmaceutical services, we would be catering to the individual patient's physical and social environmental needs.

By virtue of our government's needs which are supported fiscally to a great extent by small businesses in our area, we, too, in effect would be 'revenue sharing' to help stimulate the small businesses of our area by this proposal.

Medication safety is of paramount importance to each person involved in patient care. The multiplicity of available medications and their increased use dictates that pharmacists must make themselves more available to insure greater control measures for drug utilization.

STATEMENT OF OBJECTIVES

I. To provide a uniformly high level of professional pharmaceutical services to all eligible patients served by the Foothills Mental Health Center of Burke County.
   (a) Through being served as any other patient, not as special class of patient.
   (b) Through providing the services of a pharmacist to interpret each physician's order and dispense accordingly.
   (c) Through providing the services of a pharmacist to maintain proper drug control.
   (d) Through providing the services of a pharmacist to relate professional advice to the patient.
   (e) Through providing the services of a pharmacist to maintain proper records on each patient.
   (f) Through providing a final professional link between the physician and pharmacist at the point where the patient is then left to be on his own until his next visit.

II. To provide a 'closer to home' health professional that would be available at almost any time on a voluntary basis.
   (a) In order that patients will not be denied the access to a health professional because of inability to reach an appropriate facility, the pharmacist would provide a 'halfway' stop at odd hours or because of prohibitable distance.
   (b) In order that this 'closer to home' approach bring the pharmacy and the pharmacist to be a rehabilitation factor in itself.

III. To provide a Pharmacy Consultant Committee to the Foothills Mental Health Center of Burke County. (A rotating committee comprised of three pharmacists.)
   (a) Through which communication would be enhanced on subjects concerning drugs and their place in the delivery of health services to eligible patients.
   (b) Through providing a member to be placed on the Board of the Foothills Mental Health Center.

IV. To provide a legal and ethical system of dispensing drugs to eligible patients of the Foothills Mental Health Center of Burke County.
   (a) Through developing a "Freedom of Choice" system for each patient whereby he may have his prescriptions dispensed by the pharmacist or pharmacy of his choice.
   (b) Through developing a fair remuneration procedure for each participating pharmacy so that

this professional fee will provide ample monies for personnel costs, insurance, depreciation costs, material costs and miscellaneous costs such as interest, taxes, rent, utilities, telephone, delivery expense, repairs and maintenance, dues and a fair profit.*

(c) Through developing a system that is inexpensive and that provides the least possible amount of logistics.

PROPOSED PROCEDURES

I. Receipt of written prescription by the patient.
   (a) Received from physician at Health Center.
   (b) Cost of drug and pharmacist's fees paid by the patient at Health Center.
   (c) Written prescription stamped "Paid" with notation of exactly how much of the drug is being paid for at that time.

II. Receipt of written prescription by the pharmacist.
   (a) Interpretation and dispensing.
   (b) Recording on Patient Medication Record Card and filing such for fast retrieval.
   (c) Recording of proper information on Pharmacy Invoice.[1]

III. Receipt of professional fee reimbursement for the pharmacist.
   (a) Completion of Pharmacy Invoice at end of month.
   (b) Submission by mail of Pharmacy Invoice to Foothills Mental Health Center of Burke County.
   (c) Retention of copy for files.
   (d) Await payment of fee and replenishment of stocks from Health Center and Broughton Hospital.

IV. Receipt of completed Pharmacy Invoice by Foothills Mental Health Center of Burke County.
   (a) Audit of Pharmacy Invoice against Patient's Chart (Random check of 10% of Pharmacy Invoices should be sufficient.
   (b) Approval of Pharmacy Invoice and preparation of Voucher for payment.
   (c) Mail payments to individual pharmacies.
   (d) Mail approved Pharmacy Invoices to Broughton Hospital Pharmacy.

V. Receipt of Approved Pharmacy Invoice by Broughton Hospital Pharmacy.
   (a) Prepare replenishment of stock order as per reverse side of Pharmacy Invoice.
   (b) Deliver replenishment of stock order to proper pharmacy.
   (c) Notifies Foothills Mental Health Center of stock replenishment order completion.

* Cost of filing Prescription Surveyed in Iowa, Iowa Pharmacist, November, 1969, P. 19. The cost of filling a prescription in Iowa is $1.93 according to a survey of 29 pharmacists. The survey was conducted by James E. Demuth and covered 37,386 prescriptions which were analysed by the R. A. Gosselin Company of Dedham, Mass.

ELLER BUYS HALSEY DRUG

W. B. Halsey of Sparta has sold the Halsey Drug Company, which he established 21 years ago, to Revis Eller.

Eller, a Wilkes County native, is a graduate of the UNC School of Pharmacy. For the past four years he has been associated with Ray Drug Store of West Jefferson.

Halsey, who has retired from the store, will devote his time to farm duties and other interests.

MEDICAID OVERCHARGES RECOVERED

According to Clifton Craig, Director of the State Department of Social Services, more than half of an estimated $108,000 in over-charges in the Title XIX Medicaid Program have been recovered.

Craig said that in five cases (two dentists, a doctor, a pharmacist and an optometrist), the details involving reported over-charges have been referred to the attorney general's office for further action.

TMA FOUNDATION DIRECTORS MEET

At the April 20 meeting of the Board of Directors of the TMA Foundation, the following Board members were elected for one, two and three year terms:

1-Year Term	*2-Year Term*
W. H. Worley	Tom Sanders
S. T. Forrest	L. M. McCombs
J. A. Wolfe	Reuben Russell
W. P. Brewer	Rush Hamrick

3-Year Term
Hugh Sconyers
Frank Fife
John Alexander
Ralph Rogers

Ex-Officio members will be the TMA President and W. J. Smith, Executive Secretary of NCPA. An Executive Committee was elected consisting of the following: J. A. Wolfe, Tom Sanders, and Hugh Sconyers. C. Rush Hamrick was elected Chairman of the Foundation Board to serve for the insuing twelve months. The TMA Secretary-Treasurer was designated and elected as Assistant Secretary-Treasurer of the TMA Foundation Board.

The Board heard the report of the Executive Secretary. The Foundation now stands at $1,746.83. All Board Members were requested to publicize and inform all TMA Members and NCPA Members of the progress of this Foundation and encourage contributions thereto.

MESSAGE FROM A SYSTEM/3 COMPUTER

Scott Drug Company of Charlotte has added a System/3 computer to its customer services. In announcing the new service, Scott used this letter as a System/3 invoice printout:

Dear Scott Drug Customer:

Please allow me to introduce myself. I am the new IBM System/3 computer they have installed here at Scott.

Starting Monday, May 3, I will be computing and printing all the invoices you receive from Scott on this new invoice form. This means that in the future your invoices from Scott will be easier to read, more accurate, and provide more information.

I have been preparing for this job a long time. I have already committed to memory your name, address, narcotic registry number, BNDD number, the type customer you are, the salesman that calls on you, the county and state you're in and much more. I will also keep records for you, such as every controlled drug you buy, etc.

Every one here is very excited about my getting started. I haven't told them yet, but I have some no-no's stored in me. However, it shouldn't take long to correct them. I know you will be patient and understanding, they're trying hard.

Well, I look forward to serving you in the best Scott tradition. I surely hope you will keep me busy. I can print 200 lines per minute. You should see me do my thing.

Pay us a visit.

Yours for better business,
Scott's System/3

M.C.S. NOBLE JR. HIGH SCHOOL DEDICATED IN WILMINGTON

Miss Alice Noble of Chapel Hill was in Wilmington in early May for the dedication of the M.C.S. Noble Jr. High School. The school was named in honor of Miss Noble's father who started his teaching career in Wilmington and whose career extended more than fifty years, ending in Chapel Hill at the University of North Carolina.

TO MORE EFFICIENTLY RESPOND TO QUESTIONS RELATIVE TO THE CONTROLLED SUBSTANCES ACT OF 1970, A SPECIAL TELEPHONE HAS BEEN INSTALLED IN THE BALTIMORE DISTRICT OFFICE OF THE BUREAU OF NARCOTICS AND DANGEROUS DRUGS. THIS PHONE IS MANNED 8:30 A.M. TO 5:00 P.M., MONDAY THROUGH FRIDAY

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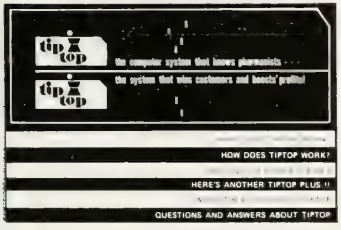

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The Carolina JOURNAL OF PHARMACY

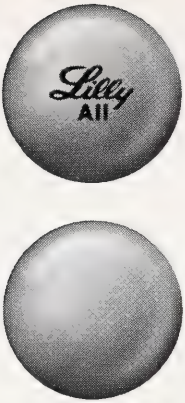
Volume LII June 1971 Number 6

Professor Claude U. Paoloni (left) of the UNC School of Pharmacy is shown presenting certificates to interns/preceptors for their superior performance in meeting requirements of North Carolina's pharmacy internship program: Miss Judith K. Coan of Chapel Hill; John Henriquez and Fred A. Holt of North Wilkesboro; and Danny Joe Yates and Gerald M. Stahl of Durham. Photo by Colorcraft

LIBRARY

JUN 30 1971
SCHOOL OF PHARMACY

John Robert Kernodle, MD (center), Vice Chairman of the Board of Trustees, American Medical Association is shown with (left to right) Nick Avellone, President of the National Association of Retail Druggists, M. Elmo McCorkle, President of Burlington Pharmacal, Inc.; Jesse M. Pike, Sr., 4th Vice President of the NARD, and B. Cade Brooks, Immediate Past President of the NCPhA. Dr. Kernodle's convention address—Allies for the Good of All—appears on page 30. Photo by Colorcraft



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June, 1971

Vol. LII No. 6

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PHARMACIST MASON HONORED FOR SAVING NEW JERSEY BOY'S LIFE

For saving the life of a nine-months old boy, Bakersville pharmacist James Mason, at a meeting of Asheville Jaycees in May, was a recipient of a large mounted "Service to Humanity" plaque.

The emergency treatment rendered by Pharmacist Mason, which was credited to saving the boy's life, took place last summer in Asheville at which time Mr. Mason was operating a pharmacy on Biltmore Avenue.

The boy's parents, Mr. and Mrs. Thomas DiJoseph of Bridgeton, New Jersey, came to Asheville with the president and vice president of their hometown Jaycees to honor Mason.

In making the presentation at the meeting of Asheville Jaycees, the president of the Bridgeton Jaycees said that it "was by the grace of God that they found a young man who knew what to do. You in Asheville should be proud to have such people who will respond in an emergency. There is no greater gift of humanity than the preservation of life."

DROWNS WHILE TRYING TO RESCUE TWO PHARMACISTS

While attempting to rescue two companions stranded on an island in Haw River near Pittsboro, Raymond Magus was drowned in the rain-swollen river.

Pharmacist Craig Meads of Efland and James Hall of Greensboro were removed from the island by a helicopter from Seymour Johnson Air Force Base after other rescue tries were unsuccessful.

A fourth member of the party, UNC pharmacy graduate Steve Kennedy, spent a night on a riverbank trying to help the rescue teams.

Magus was well known to the UNC pharmacy students where he was a part-time instructor.

McLEOD ACCEPTS POSITION AT DUKE

Donald C. McLeod, Assistant Director of the Plan of Pharmacy Assistance and an instructor at the UNC School of Pharmacy for the past year, has been named, effective June 1, Assistant Director of Duke Hospital's Pharmacy Department.

Duke Pharmacy Director Milton W. Skolaut said McLeod will assist in establishing a new program of unit dispensing, improving over-all pharmaceutical service and establishing branch pharmacies within the medical center.

N. C. MUTUAL REPORTS 13 PER CENT INCREASE IN SALES

Members of the North Carolina Mutual Wholesale Drug Company, at the annual stockholders meeting in Durham on May 19, with more than 250 persons present, were informed company sales had increased by 13 per cent.

The meeting was held in Mutual's new 57,000 sq. feet warehouse addition which is still under construction.

Banks D. Kerr of Raleigh was reelected as president of the company. Serving with him will be J. C. Jackson, reelected vice president, and W. L. West, secretary.

Robert R. Dees of Burgaw, J. C. Jackson of Lumberton, John T. Stevenson of Elizabeth City, W. Dorsey Welch of Washington, and W. P. Wells of Durham were elected directors.

W. Edwin Rogers of Durham was appointed controller for the company. He will be responsible for financial affairs of the company.

Executive Vice President Ralph Rogers, Jr. reported on the new promotional programs and expanded services to be offered the 214 retail drug stores now served by the company.

A.E.P. TABLETS NOT UNDER CONTROLLED SUBSTANCES ACT OF 1970

Reaco Products of West Durham, North Carolina has been notified by the Bureau of Narcotics and Dangerous Drugs that the company's product, A.E.P. Tablets, is excepted from application of the Controlled Substances Act of 1970.

RECIPIENT OF MASTER'S DEGREE

Pete Freeman, a representative for Eli Lilly & Company, stationed in the Jacksonville area, received a Master of Business Administration Degree from V.C.U. at Richmond, Va. in June ceremonies. Mr. Freeman's Pharmacy Degree was obtained at UNC.

REVCO SEMINARS UNDERWAY

Revco Discount Drug Center sponsored seminars for all Revco pharmacists will be conducted at various locations. Each Revco pharmacist who attends one of the seminars receives a certificate of attendance.

This year's seminars are highlighting the pharmacology of psycotropic drugs and the adverse affects of such drugs, new drugs on the market, and the new Federal regulations controlling drug substances.

In this area two seminars are scheduled—Lynchburg, Virginia and Charlotte, North Carolina.

Speakers appearing in Lynchburg include Dr. William Dewey and Stephen Caiola of Chapel Hill and in Charlotte, Dr. Harold Wolf of Ohio State University and Mr. Caiola.

FORGED RX NETS 2 YEAR JAIL SENTENCE

For attempting to obtain drugs with forged prescriptions, Mrs. Betty Gallop Midgett of Harbinger was sentenced to two years in jail. The sentence was suspended for five years on condition that she pay court costs, commit herself to Cherry Hospital at Goldsboro for psychiatric evaluation and treatment, and remain under the care of the Albemarle Mental Health Clinic of Elizabeth City or the Walter B. Jones Rehabilitation Center at Greenville for five years.

When the prescription was presented for dispensing, Pharmacist M. Keith Fearing, Jr. of Manteo spotted the forgery and called the police.

NAMED "MISS CREDIT UNION"

Miss Patsy D. Holliday, a 1967 graduate of the UNC School of Pharmacy, now a pharmacist associated with the Sepulveda, California VA Hospital, has been named "Miss Credit Union" in a district contest next August 16.

PLAN OF PHARMACY ASSISTANCE COMPLETES FOUR YEARS OF SERVICE TO N. C. PHARMACY

Although the initial effort of the Plan of Pharmacy Assistance (POPA) has ended, the original staff associated with the Plan will be available in the future as the need arises for their specialized services.

At a meeting of the Plan's advisory committee and staff in Chapel Hill on June 1, Director Fred M. Eckel and Assistant Directors Don C. McLeod and Henry K. Crawley summarized the accomplishments of the Plan for a four year period beginning October, 1966 to June, 1971.

Later, the Plan will publish and distribute an illustrated folder highlighting the Plan's activity over the 4-year period.

A unit dose project, as operated at Western Carolina Center in Morganton, was shown by Don McLeod by way of a sound color film.

Members of the advisory committee present for the meeting included George M. Stockbridge, who presided; Riley W. Clapp, William F. Henderson, Claude U. Paoloni, W. Gordon Poole, H. C. McAllister, W. J. Smith and Dean George Hager, a guest.

When in need of assistance in connection with the delivery of pharmaceutical service to hospitals, extended care facilities, nursing homes, homes for the aging and mental health institutions, write or call the School of Pharmacy, Chapel Hill, or your request can be relayed thru the NCPhA.

COE NAMED PMA CHAIRMAN-ELECT

Fred A. Coe, Jr., president of Burroughs Wellcome Company, has been named chairman-elect of the Pharmaceutical Manufacturers Association.

The 124 companies that make up PMA produce approximately 95 per cent of the Rx drugs marketed in the United States.

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ROBERT BUCKNER HALL

1971 Pharmacist-of-the-Year

Recipient of the North Carolina Pharmaceutical Association Mortar-and-Pestle Award for Distinguished Service in the Fields of Pharmacy, Public Health, and Welfare

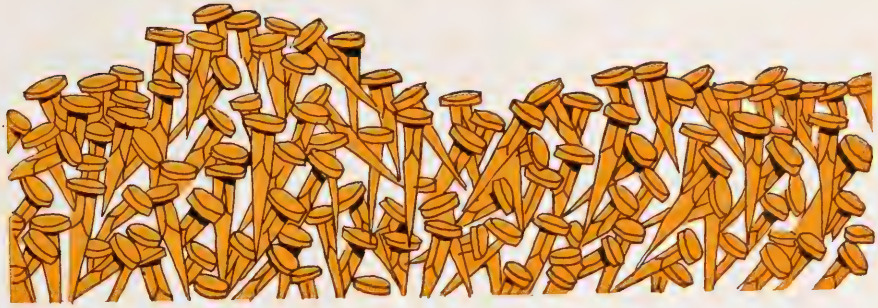
You are most cordially invited to the Mortar & Pestle Dinner honoring Robert Buckner Hall, 1971 Pharmacist of the Year. First Presbyterian Church, Mocksville, North Carolina. Wednesday, July 14, 7 o'clock. Informal Dress. Dinner Reservations—$6.00 per person—to North Carolina Pharmaceutical Association, Box 151, Chapel Hill, N. C. 27514. Rooms have been reserved at the Sheraton Motor Inn, Thruway Shopping Center, Winston-Salem, for out-of-town guests who plan to attend the dinner.

Top: Officers of the Cape Fear Pharmaceutical Auxiliary are, left to right: Mrs. G. W. Markham, Historian; Mrs. James R. Hickmon, President; Mrs. George O. Markham, Vice-President; and Mrs. J. Cody Newton, Secretary & Treasurer.

Bottom: Officers of the Cape Fear Pharmaceutical Association were installed in Fayetteville on May 20. They are, left to right: A. Hunter Smith, Treasurer; George O. Markham, President; James R. Hickmon, Vice-President; and Mrs. Becky Dutton, Secretary.

let's get down to brass tacks

Two giant product shows each year.



Gilpin offers continuing programs of merchandising ideas to its customers. The highlights of this plan include our January product show featuring summer goods, and our July-August presentation emphasizing fall and gift selections. Dates for this year's fall and gift merchandise show are as follows: For **Baltimore-Washington-Dover: July 18th-25th,** Gilpin Baltimore Division, 7401 Pulaski Highway, Baltimore, Maryland. For **The Tidewater Region: August 1st-8th,** Gilpin Norfolk Division, 6435 Tidewater Drive, Norfolk, Virginia. Please mark down these dates. We know you'll want to attend. Contact your Gilpin representative or Division Sales Manager for more details and to make your appointment.

1. **An experienced, pharmacy oriented sales force** trained to assist you in merchandising and store operations. In addition to their own experience, these men are prepared to immediately draw upon a wealth of experience in every phase of store operations which exist within the Gilpin company now.
2. **A comprehensive and up-to-date convalescent aids program.** Professional assistance is available to design a program to meet your space and inventory requirements and train appropriate personnel in your store to make this a profitable department.
3. **A complete sundries program** providing sundries departments and inventories designed specifically for your store, with a built-in provision for economical and reliable restocking of your shelves. Along with this, we maintain expanding stocks of new promotional sundries and programs for increasing traffic and sales.
4. **A professional planning and remodeling service** within our organization which includes complete service in floor design, fixture and installation.
5. **Professional help in site selection,** store development and in lease acquisition for desirable sites.
6. **Computerized inventory and billing systems.** This modern computerization also makes possible a wide range of additional data services including regular issuance of individual monthly reports of DACA drugs showing quantities and dates on which they were submitted.
7. **A financial service consultant** to service you on request.
8. **Professional Services Department.** A professional services department which provides you with vital assistance in the form of direct services and/or consultation in areas including: Medicare, Medicaid, third party payment programs, pharmaceutical inventory control, federal and state regulations, and many other areas.
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CLASS OF 1971, SCHOOL OF PHARMACY, UNC, CHAPEL HILL, N. C., MAY 30, 1971

121 GRADUATES AT UNC SCHOOL OF PHARMACY

The fourth largest School of Pharmacy in the United States—UNC at Chapel Hill—graduated 121 seniors in commencement exercises on May 30.

Guest speaker at a special pharmacy convocation in the Great Hall which preceded the awarding of diplomas later that night was Pharmacist Jesse M. Pike, Sr. of Concord. Included in the graduating class was Mr. Pike's son, Jesse M. Pike, Jr., who received a number of awards for outstanding performance as a student.

The graduates and their home towns are as follows:

Alvin Phillip Alexander, West Jefferson; Carol Hogarth Alexander, Lumberton; Steve Newell Almond, Chapel Hill; William Clegg Baxley, Raleigh; Warren Stewart Binnick, Charlotte; Richard Kent Bower, Jefferson; Charles James Branton, Durham; John Olan Brown, Fuquay-Varina; Larry Thomas Brown, Greensboro; George William Browning, Shelby.

Also, Stephen Ray Carswell, Kernersville; Elizabeth Hawkins Cayton, Chapel Hill; Lillian Pritchard Chapman, Asheboro; James Michael Clark, Eden; Larry Alan Cline, Boone; Susan Moore Coggin, Mt. Gilead; Carl Wayne Craddock, Chapel Hill; Michael Wayne Craven, Henderson; Alicia Jacqueline Crawford, Greensboro; Waldorf Garrold Crawley, Raeford.

Also, Mark Eugene Creasman, Arden; Frank Burton Dean, Laurinburg; Charles Bartel deBruyne, Durham; Carl Lindsay DeVane, Fairmont; Thomas Wayne Eason, Dallas; Larry Eugene Elliott, Kernersville; Sharon Ilene Fisher, Salisbury; Virginia Wallin Frazier, Durham; Stephen Weldon Fuller, Salisbury; James Charles Furness, Canton.

Also, Golda Dianne Gaines, Goldston; Barbara Jean Garrison, Statesville; Barry Vernon Gates, Mt. Airy; Patricia Clayton Giddings, Carrboro; William Glenn Girtman, Sparta; Mary Frances Goodrich, Stedman; Ronald Preston Greene, Carthage; Robert Benjamin Greenwood, Cary; Louise Fields Griffin, Lewiston; JoAnn Hale, Louisburg.

Also, Leon William Harris, Chapel Hill; Gary Michael Hartley, Hudson; Joe Cornelius Hatley, Kannapolis; Elaine Alice Hatsell, Beaufort; Betty Strickland Heard, Clinton; Gail Lee Henry, Charlotte; Marshall Clarence Henry, Carrboro; Monty Dean Hiatt, Mt. Airy; Larry Grayson Hill, High Point; Judy Yates Hooks, Cary.

Also, Cynthia Lee Hubbard, Greensboro; Bradley Alan Humphreys, Plymouth; Eric Allen Jackson, Chapel Hill; Patricia Farabaugh Jenkins, Fayetteville; Susan Wray Jenkins, Durham; Robert Byron Johnson, Dunn; Samuel Rowland Johnson, Fuquay-Varina; Judy Sharon Jordan, Kannapolis; Charles Frederick Killian, Lincolnton; William Lewis King, Murphy.

Also, James Weaver Kirkpatrick, Jr., Waynesville; Barbara Ann Kiser, China Grove; Clyde Dewey Kistler, Jr., Carrboro; Herman Howard Kivett, Jr., Chapel Hill; Mickey Allen League, Wilkesboro; Mary Wall Ledbetter, Raleigh; Vance Jefferson Lester, Stoneville; Sarah Jo Lohr, Lexington; Richard Thomas Mack, Morresville; Walda Parker Mathias, Burlington.

Also, James C. McAllister, III, Richardson, Texas; Phillip Dee Minton, Lincolnton; Lynne Anne Molic, Greenville; Avery Lewis Moore, Jr., Angier; Edward Zebulon Morris, Jr., Harrisburg; Wyatt Glenn Moser, Jr., Chapel Hill; Martha Fenn Nance, Greensboro; Martha Herring Oppenheimer, Clinton; Kenneth Joel Parks, Lexington; Benjamin Francis Partin, Greensboro.

Also, William Hugh Paschall, Jacksonville; Mark D. Pelletier, Jr., La Grange; Jesse Miller Pike, Jr., Carrboro; Jerry E. Poteet, Morganton; Linda Jean Propst, Morganton; Clyde Wayne Quick, Franklinton; Jane Susan Quinn, Bessemer City; Harry Curtis Ramsey, Jacksonville; Mary Dysart Ramsey, Marion; Robert Bingham Reaves, Fayetteville.

Also, Bonita Faire Reynolds, Reidsville; William Warren Richards, Wallace; Clarence Benjamin Ridout, Morrisville; Richard Gill Ripley, Chapel Hill; Ronald Ervin Royster, Trinity; Joseph Raymond Salem, Jr., Chapel Hill; Leon James Sandlin, Jr., Fayetteville; Barbara Ann Sapp,

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Also, Phillip T. Ward, Whiteville; Billy R. Wease, Kings Mountain; James Keith Williams, Benson; Michael George Williams, New Bern; Myra Joy Wilson, Wilmington; Ann Brooks Womack, Sanford; Steven Lynn Woodard, Hazelwood; Robert Wilton Worley, Princeton; Anne-Marie Wray, Bon Air, Virginia; Danny J. Yates, Chapel Hill; George Chalmers Young, Jr., Monroe.

DRUG CASE COULD RESULT IN BROAD-SPECTRUM HEADACHE

Reprinted from the Gastonia Gazette

There is something vaguely unnerving about the 2,167,000 legal notices which were sent out to that many people by the state's attorney general this week.

In case you didn't get yours, don't go plunging off a precipice in regret. You're much better off if you'll just forget the whole thing with nary a look back.

If you got one, however, you probably are as confused as everyone else, and maybe just as indignant as some.

What it is is a consumer class action against several drug manufacturers. The state contends (in behalf of the citizens) that these drug companies sold broad-spectrum drugs between 1954-66 in a conspiracy that resulted in the user's having to pay "higher prices than they otherwise would have paid."

In other words, the attorney general believes that the consumer has some money coming to him, and the good, grey government is going to fight for the taxpayer whether the taxpayer wants it or not.

What makes the class action a bit eerie is the manner in which the two-million-plus notifications were sent out. Using complicated computer equipment in the Research Triangle, the state was able to address the cards and in less than two days. George Orwell would smile in recognition at this bit of "1984" action.

Using the postage-free frankin privilege of U. S. District Court, the state "saved" some $130,000 (at six cents a card) in postage. It did have to shell out $20,000, however, for the computer use and cost of cards.

The state makes a hard point when it says: "Now, therefore, take notice:

"a. You will be deemed a party to this action and will be bound by the result, whether favorable or unfavorable, unless on or before June 25, 1971, you mail to the Clerk of Court a written request to be excluded from the class."

Somebody has called this action a "Frankenstein monster."

That's being beneficent.

The card doesn't say "write me if you want help." It says, if you don't write, we are going to give you help whether you want it or not.

The burden, then, is placed on the taxpayer's shoulders to say he does not want to be represented. Theoretically, there are 2,167,000 people who might not want the state to bother them with action against anyone.

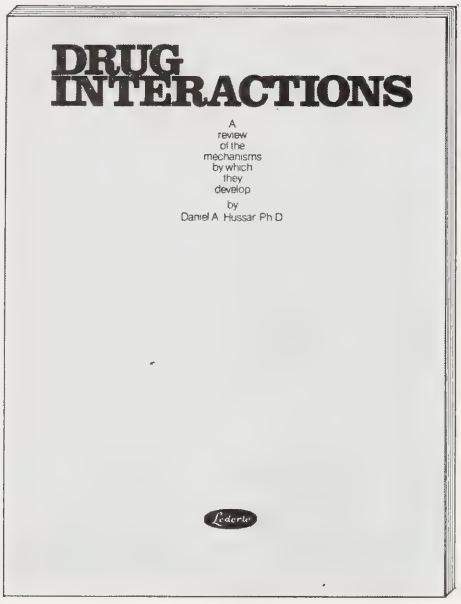
If all of these people had to write to the attorney general, saying that they didn't want the AG meddling in their private affairs, the total bill for postage alone, out of the taxpayer's pocket, would be $216,000 plus cost of writing paper, time spent writing, etc.

Apparently, the attorney general believes he has a case against the drug companies. And there is precedent to substantiate this belief, for the companies already have paid off a total of $16 million in 43 states, spread out over 38,000 claims.

The consumer class action is the brainchild of Deputy Atty. Gen. Jean Benoy, chief of the office's consumer protection division.

Before he gets through with this, he just might have a broad-spectrum headache.

Information on DRUG INTERACTION important to every pharmacist



More than a mere compilation of reported drug interactions, this booklet provides a fuller understanding of *how* and *why* drug interactions occur. Its purpose is to help you anticipate such situations and to aid you in your role as the physician's advisor in the prevention and management of drug interaction problems.

This booklet reflects Lederle's continuing commitment to support the efforts of pharmacy in gathering and disseminating information regarding drug interaction.

Mr. Gale Smith,
Manager, Customer Relations
LEDERLE LABORATORIES
Pearl River, New York 10965

Please send me a copy of DRUG INTERACTIONS—A REVIEW OF THE MECHANISMS BY WHICH THEY DEVELOP by Daniel A. Hussar, Ph.D.

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ADDRESS _____

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TAR HEEL DIGEST

HUDSON—In the recent town board election, Pharmacist William M. Lovelace, Jr. led all candidates with highest vote cast. This will be a second board term for Mr. Lovelace who is pharmacist owner/manager of Hudson Drug Company.

CLINTON—A mid-May robbery of Reynolds Walgreen Drug Store netted the thief or thieves a large quantity of merchandise and narcotic drugs.

CHAPEL HILL—UNC Hospital Pharmacist Fred M. Eckel was a guest speaker before a gathering of neurologists and psychiatrists attending the 117th annual meeting of the State Medical Society in Pinehurst, May 17.

WILSON—The manager of Bissette's Drug Store reported two youths entered the rear of the store on May 13 and attempted to steal 15 boxes of color film. Chase was made and the film was dropped by the would-be thieves.

YADKINVILLE—Elkin Pharmacist Paul Fisher pleaded guilty in Yadkin County District Court on May 6 to assault with a deadly weapon. The sentence handed down by the court prohibits him from carrying a handgun in the future.

PINK HILL—William E. Brewer, co-owner of Brewer Drug Company, has been elected to the newly established First-Citizens Bank and Trust Company Board of Advisors.

EDEN—Pharmacist Tim Walker of Tri-City Pharmacy has made a number of drug abuse talks in the Eden area. Increasingly, requests for talks are coming his way.

GASTONIA—The Gaston County Pharmaceutical Society, in conjunction with the Gaston County Medical Society, sponsored eight clinics on diabetes detection during May.

DURHAM—Laura Ann McDonald, fourth year pharmacy student at Chapel Hill, has been selected by the National Student Health Project as a health care assistant for migrant workers this summer. She has been assigned to the San Fain River Valley in Slayton, Oregon.

SMITHFIELD—"The Role of the Pharmacist's Wife in the Community" was the topic of Mrs. Grover Creech's address to the UNC Pharmacy Student Wives in Chapel Hill on May 11.

WHITEVILLE—Brantley A. Norris, Wanda B. Norris and J. B. Eure of Whiteville have incorporated the Norris Economy Drugs with authorized capital of $100,000.

HIGHLANDS—Mr. and Mrs. Clarence E. Mitchell observed their 40th wedding anniversary on May 2 at a tea with more than 100 guests in attendance. Mr. and Mrs. Mitchell have made their home in Highlands since 1933 where Mr. Mitchell has been pharmacist owner/manager of Highlands Rexall Drug Store.

CHARLOTTE—Westerly Hills Drugs lost a quantity of Schedule drugs in a breakin at the pharmacy on May 23.

SHELBY—Ronald Austell, Pharmacist at Cornwell Hospital Pharmacy, was honored as "Area 3 Civitan of the Year" at a recent District Civitan Convention in Charlotte.

GASTONIA—According to Pharmacist Fred Moss, Jr., of more than 3000 persons who visited eight diabetic clinics in the county, 102 were found to be "probable suspects" with an elevated glucose level. The clinics were a joint project of the Gaston County Medical Society and Pharmacists Association.

BLACK MOUNTAIN—Guest speaker at a recent meeting of the Black Mountain-Swannanoa Rotary Club was Harry Dover, MSR for Parke-Davis Company in the Asheville area.

SALISBURY—Now associated with Innes Street Drug Company, Pharmacist Billy Upchurch, formerly of Winston-Salem.

list the 150 manufacturers' codes
explain the write-off throughout
check the % called on open bottles
tell the expiration dates
learn the recent packaging changes
name the discounts and amounts
indicate the deals on major lines
divulge the case discounts

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STATE BOARD OF PHARMACY

Members—David D. Claytor, Greensboro; Harold V. Day, Spruce Pine; C. E. Page, Jr., Henderson; Jesse M. Pike, Concord; W. H. Randall, Lillington; H. C. McAllister, Secy.-Treas., Box 471, Chapel Hill, N. C.

NEW PHARMACIES

(1) White Cross Drug, Bi-Lo Plaza, U. S. Highway 74, Asheville. Tom Keating, pharmacist-manager.

(2) Powell's Pharmacy, 20 W. James Street, Lillington. William D. Powell, owner and pharmacist-manager.

(3) Town and Country Pharmacy, Sanders Street, Hayesville. Harold E. Lance, owner and pharmacist-manager.

CHANGE IN OWNERSHIP

(1) Carolina Drug Co., Inc., 702 Washington Street, Eden. T. M. Kirkpatrick, Jr., owner and pharmacist-manager.

(2) Medical Arts Pharmacy of Lenoir, Inc., 354 S. Mulberry Street, Lenoir. Mark Manship, principal owner and pharmacist-manager.

HOSPITAL PHARMACIES

(1) Medical Park Hospital Pharmacy, 1950 S. Hawthorne Road, Winston-Salem. Ronnie Small, pharmacist-manager. John Deans, Administrator.

(2) Warren General Hospital Pharmacy, Norlina Road, Warrenton. Charles White, pharmacist-manager. Elmer Harris, Administrator.

RECIPROCITY

(1) Norman Tyree Covert, Hertford (from Virginia)

(2) Isadore Goldberg, Hollywood, Florida (from Illinois)

(3) Lanny Hartman Harmon, Salisbury (from Tenn.)

(4) Donald Roy Oster, Aurora, Colorado (from Colorado)

(5) Doris Crouch Pease, Charlotte (from Virginia)

ALEXANDER BUYS HIGHLANDS PHARMACY

Highlands Rexall Pharmacy of Highlands has been sold to Jack Alexander who has been associated with Miller's Pharmacy of Morganton for several years.

The pharmacy was purchased from Clarence E. Mitchell who has been owner/manager of the pharmacy since 1933.

GATE CITY PHARMACY TO CLOSE

Gate City Pharmacy, a Greensboro downtown landmark, will close in early July and at that time the pharmacy will be consolidated with the Gate City Pharmacy in the Friendly Shopping Center.

The reason the pharmacy is being closed is that when its lease expires, the adjoining Guilford Galleries wants the space to expand its operations.

Gate City Pharmacy was established in 1947 by Tom Crutchfield and A. C. Browning and is now owned by John A. Ranzenhofer and R. G. (Ronnie) Buchanan.

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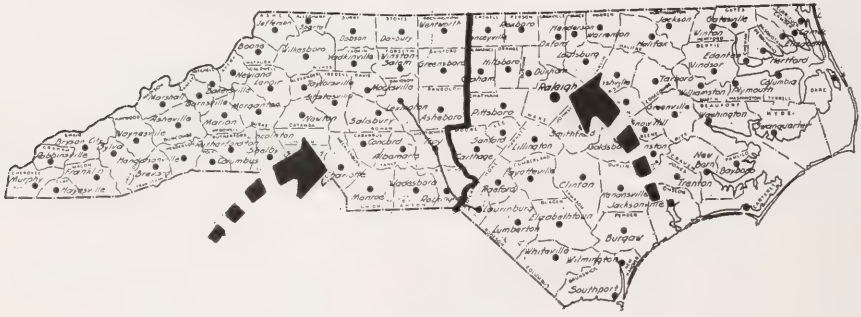
" Now Serving North Carolina Pharmacists with Quality Equipment and Service at the Lowest possible cost."



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STORE DESIGN
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RALEIGH, N. C. 27609
(919) 787-0516

PARKE-DAVIS MOVIE ON PHARMACY CAREERS WINS GOLD CAMERA AWARD IN FILM FESTIVAL

Parke-Davis & Company's new motion picture, "Go Pharmacy," has been named winner of a Gold Camera Award in the Fourth Annual U. S. Industrial Film Festival.

J. W. Anderson, chairman of the festival, said the Parke-Davis film was cited for its "outstanding creativity in the production of audio-visual communications, in international competition."

Lloyd A. Beemer, Parke-Davis director of professional and trade relations, accepted the Gold Camera Award from Anderson, which signified top honors in the miscellaneous category.

The Parke-Davis movie is a 15-minute, full-color film on careers in pharmacy, which was produced by Walter J. Klein Company, Ltd., of Charlotte, N. C.

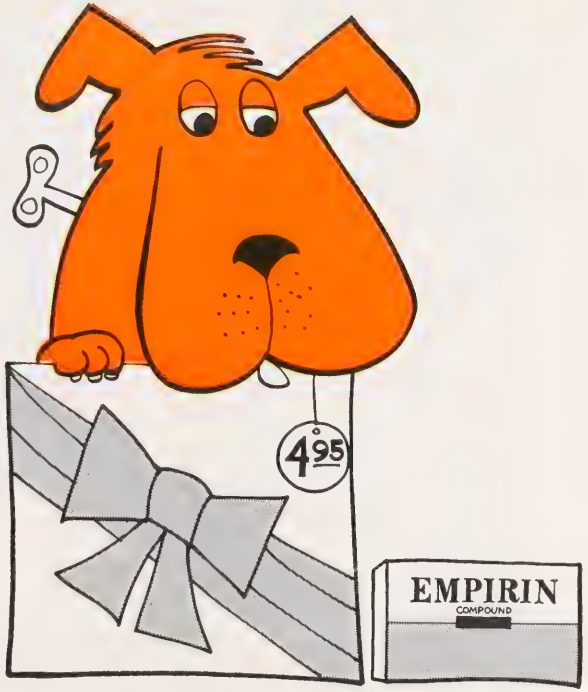
Anderson said more than 450 films from 14 nations were entered in the festival, which is limited to industrial motion pictures and film strips.

"Go Pharmacy" is available from the N. C. Pharmaceutical Association, Chapel Hill, on a free loan basis, subject to prior booking.

APPOINTMENTS

NCPhA Secretary W. J. Smith has been appointed a member of the Committee on Drug Abuse of the Medical Society of the State of North Carolina and a member of the advisory group to the North Carolina Regional Medical Program.

Mr. and Mrs. B. Cade Brooks of Fayetteville are shown with the E. R. Squibb Award which was presented to Mr. Brooks by Squibb MSR W. W. Jordan (right) for his outstanding service as president of the North Carolina Pharmaceutical Association during 1970-71.
Photo By Colorcraft

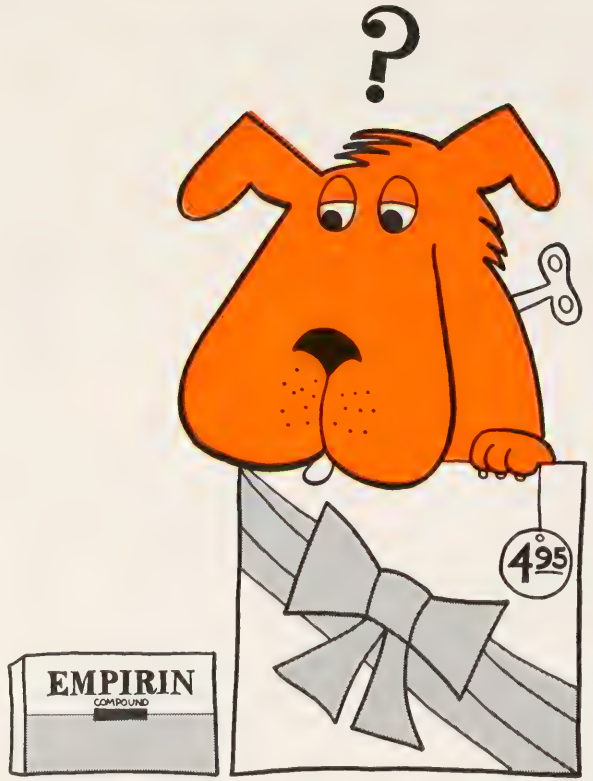


All joking aside, Empirin Compound is one of your most profitable analgesics. And Empirin is making waves it's never made before, so it really deserves a little more of your attention.

Now, there are more than two million opportunities a month for practically all physicians, all nurses and all dentists to see the new advertising for Empirin Compound.

And when these health professionals recommend Empirin, their patients won't be looking for it in supermarkets—but in pharmacies.

Should you put **EMPIRIN®** Compound next to your most profitable item?



So, look to your stock. In addition to good profits from Empirin Compound, the extra traffic should help you move a lot of other items as well.

Display Empirin Compound for greater sales and profit.

When customers ask your professional advice:
Recommend two Empirin tablets every three hours, for minor aches and pains, simple headache and toothache, and to help relieve the discomfort of colds.

Empirin Compound.
Consistent relief.

Wellcome

Burroughs Wellcome Co.
Research Triangle Park
North Carolina 27709

Or, should you put your most profitable item next to **EMPIRIN Compound?**

NCBCBS DISTRIBUTING NEW BOOK, FILMS ON ALCOHOLISM

"One in every eight Americans is headed for alcoholism," according to a new booklet on alcohol abuse being distributed by North Carolina Blue Cross and Blue Shield. The booklet, "The Alcoholic American," discusses America's most serious drug problem in simple language the layman can easily understand.

According to the full color booklet, the fact that alcohol is a drug generally comes as a shock to the average drinker. "Generally," it states, "when one thinks of a drug being abused today he thinks of marijuana or one of the hallucinogenics and young people. Adults tend to ignore the seriousness of abusing alcohol and pass it off by saying that alcohol does not lead to stronger drugs. Actually, if one wanted to conduct this argument from beginning to end as an academic exercise, it would probably be found that the drug most heroin addicts begin with is alcohol."

The new publication, published by the National Association of Blue Shield Plans, also dispels the myth that all alcoholics are derelicts. Instead, the book points out that the overwhelming majority is middle class and above, with good jobs, families, and homes in the suburbs.

"Although it is true that not everyone who drinks will develop a problem, it is important to recognize that if one drinks at all he should seriously consider the pattern that emerges. There are both healthy and unhealthy patterns and the average person is ignorant about the difference between the two. He is also naive about his own susceptibility.

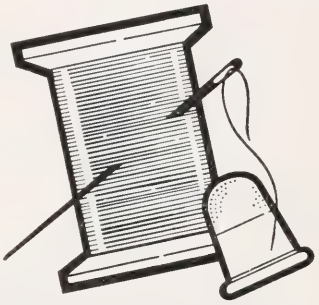
"Too many people believe alcoholism always happens to the other guy, or that alcoholism is the result of something over which the individual has no control, or that he has no will power. None of these beliefs are necessarily true.

"Alcoholism is the result of drinking increasing amounts of liquor over a prolonged period of time. And it can happen to anyone."

Senator Harold Hughes of Iowa, a recovered alcoholic himself, discusses the problem. The senator points out that alcohol abuse costs the American economy as much as $76 billion annually. Other interviews feature recovered alcoholics who frankly and openly discuss their own drinking problems and how they fell victims to the insidious disease of alcoholism.

A recovered alcoholic identified as William W. was discussing his long history of drinking. He said: "I started like most everyone else. A few beers in college and an occasional drink of hard liquor.

"Later, after I was married and working in industry, my drinking began to increase. At first, it was a few drinks at social functions and then it gradually became part of my daily routine—lunch,



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before dinner, weekends and on just about any other small occasion. Then I began to make sure that most functions I attended were centered around alcohol.

"All this is clear now as I look back on it. But at the time, I thought like everyone else, that I was in complete control. First thing I knew I had gone through two marriages and about six jobs, and one day I wound up in an alcoholic ward."

"The Alcoholic American" also points out that not all alcoholics are men. Many are housewives and frustrated businesswomen such as Paula K., who talks about her problems.

"I blamed everybody and everything for my drinking. I kept pointing the accusing finger at my job, my family, the abrasive life in the city, and everything except myself.

"You have to remember that I was not an alcoholic in the sense that I couldn't function. It was just that I drank every day and drank too much until it became a regular part of my life. And then my life became irregular.

"You see, even when a person gets to the point where alcohol has become too important, he still doesn't want to quit because everyone he knows drinks. He wishes he could maybe at least control it, but he finds out it just isn't possible.

"Then the pressure is really on at that point. For me there was a husband who knew I was in trouble and children who didn't understand why their mommy drank so much.

"But thank God there is help out there, people waiting to do anything they can. I mean AA (Alcoholics Anonymous). They saved my life and kept me from ruining the lives of those I love."

The 40-page booklet, which is illustrated with interesting photographs, covers all phases of the drinking problem, including the dangerous stages leading to the disease itself. It reminds the somewhat naive

(Continued On Page 27)

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summer deal starts July 1st includes 4oz. and 7oz. sizes

Again this summer you can stock up on Robitussin and Robitussin-DM at special low deal prices. Last year, drug store sales of these two cough preparations increased 8%, while the market was up only 1%. These increases were recorded in chains and in small, medium, and large independents. Robitussin and Robitussin-DM alone now hold a big 10% share of this $100,000,000 market. They are also the most heavily prescribed cough syrups sold OTC with over 2 million scripts filled annually. In fact, Robitussin is the only OTC cough medicine among the 200 most prescribed drugs. In spite of all this Rx volume, some 71% of all Robitussin and Robitussin-DM business is OTC. Stock up heavy on these two leading cough preparations while they're on deal by ordering more of the 4-ounce and a good supply of the 7-ounce size. And don't overlook Robitussin®-PE. It's moving up fast in scripts and OTC sales.

You know these products are going to move off the shelf, so give them the facings they have earned. Your Robins Representative will be around to see you soon. Buy 'em while it's hot for extra fall and winter profits.

Stock up on the best sellers and put your facings where your profits are!

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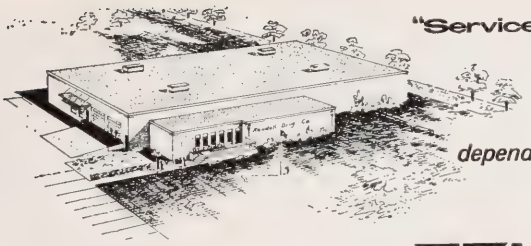

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CONTINUING EDUCATION ADVISORY COMMITTEE MEETING—MINUTES

DATE: April 20, 1971
TIME: 12:15 P.M.
SUBJECT: Continuing Education activities of past year.
PRESENT: Claude Paoloni, Chairman; William R. Adams, Jesse M. Pike, Sr., W. J. Smith, J. C. Estes, Jr., Seth G. Miller, Dean George P. Hager, Fred M. Eckel, Assistant Dean LeRoy Werley, Assistant Dean David R. Work, Recorder.

Review of Past and Planned Programs

Claude Paoloni reviewed the summary of the Continuing Education programs for July 1, 1970 through June 30, 1971 (attached). It was noted that over 10,000 contact hours were achieved for this year as compared to approximately 6,000 for the previous period.

Plans for the Clinical Symposium to be held in Wilmington were discussed. Hours will be added to the total for this symposium as well as those in Asheville and Gastonia (see attachments).

A follow-up questionnaire to the Clinical Symposium held last October-November was recently mailed to participants. The results of this questionnaire are found in the attached compilation.

EDP Conference

Dean Hager explained the program scheduled for July, 1971, at the School of Pharmacy. It was pointed out that EDP systems with consoles in pharmacies are a very real possibility for the near future. It is hoped that the planning at this time will be helpful in arriving at the most efficient system.

Future Programs

Mr. Paoloni briefly mentioned the efforts in the Teacher Drug Abuse follow-up planned for this summer. He also mentioned the Hospital Pharmacy Seminar which will be held next fall.

Several topics for future seminars were discussed. These were: Pharmacy Administration, Principles of Supervision, Personnel Management, Wage and Hour Procedures (including job descriptions), Workmen's Compensation, Professional Inter-relations—What is expected among professionals, Clinical Symposium on V.D. (W. J. Smith indicated an interest on the part of the Association to support this program.)

Near the close of the meeting, it was suggested that perhaps a combination of Professional Inter-relations and a program on Venereal Disease would be well received.

In 1970, Roche Laboratories broke with pharmaceutical industry tradition by being the first company to discontinue mass, unsolicited sampling of professional products. The Roche aim is to ensure the greatest benefit to the patient while meeting the professional needs of the pharmacist and physician. All are served best by proper handling of drugs. Better control of all aspects of drug distribution ensures the highest standards of health care for the patient, physician and community.

This policy reflects Roche interest in the general problems of pharmacy management, as well as the pharmacist-doctor, pharmacist-patient and pharmacist-community relations. There are many of your colleagues at Roche—practical professionals in various management positions—who help make the policies and provide the services that help you meet the challenge of pharmacy today.

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Alcoholism, (Continued)

social drinker that "caution is still the best thing to mix with liquor."

The book says, "There is one thing everyone can do about the abuse of alcohol and alcoholism; they can prevent it from becoming a personal problem.

"First, a person should be ruthlessly honest about his own drinking. If he drinks every day, he should ask himself why, where, when and how much. Anyone who drinks should try doing without it for a couple of weeks periodically and be really honest in evaluating his response to total abstinence. Does doing without alcohol create any anxieties? Is it missed at all?

"Even if the answer is no, the drinker is not home free. If the answer is yes, he is definitely headed for trouble and should take action to change his habits."

The booklet is available to interested individuals or organizations from the Blue Cross and Blue Shield Public Relations Office in Durham. Single copies are free. Additional copies are available to organized groups for educational purposes.

In addition to the booklets, NCBCBS is presenting on television two half-hour films on alcoholism as well as airing a half-hour radio program. These films, also produced by the National Association of Blue Shield Plans, will subsequently be made available by NCBCBS on a free-loan basis to interested community groups.

CHARLOTTE

The final meeting of the year 1970-71 was held at the YWCA May 11, 1971 by the Charlotte Woman's Auxiliary.

Our own Mrs. Leslie Barnhardt held a most impressive installation service as she installed the following officers for the coming year:

President—Mrs. Charles L. Jarrett
1st Vice-President—Mrs. John Morton
2nd Vice-Pres.—Mrs. Bruce R. Medlin
Recording Secretary—Mrs. D. L. Smith
Treasurer—Mrs. S. Bruce Wingate
Corresponding Sec.—Mrs. James A. Wolfe
Parliamentarian—Mrs. B. M. Salley
Historian—Mrs. W. A. Stephenson
Advisor—Mrs. Jack R. Canupp

Our retiring President, Mrs. Jack R. Canupp, challenged us to an even better year to come, as she accepted a beautiful silver engraved bowl, as a token of our appreciation for a job well done.

TO ATTEND SQUIBB SEMINAR

Benjamin O. Williams, a pharmacy resident at N. C. Memorial Hospital, has been selected to attend a 5-day seminar sponsored by E. R. Squibb & Sons.

Williams was chosen on the basis of his competitive paper: Future Role of Hospital Pharmacy Residents in Clinical Pharmacy.

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LEDERLE'S SOUTH ATLANTIC REGION WINS GOLD CUP AWARD

Lederle Laboratories' South Atlantic Region has, for the third time in the past four years, won the coveted Gold Cup Award for outstanding sales achievement among the Company's twelve sales regions.

Vern P. Reger, Regional Manager of the South Atlantic Region, accepted the Award on the behalf of the Region, at a recent presentation ceremony. Mr. Reger resides at 5530 Mount Vernon Parkway, Atlanta, Georgia 30300. Assistant Regional Manager of the Region is Mr. Donald W. Crance of 6625 Williamson Drive, Northeast, Atlanta, Georgia 30328.

Selection as the winning Gold Cup Region, according to J. W. Skinner, Lederle Sales Manager, reflects the ability to meet the interests and supplement the needs of physicians in areas of drug therapy and other technical information on Lederle pharmaceuticals and biologicals.

The South Atlantic Region encompasses areas of Georgia, Florida, South Carolina, North Carolina and Alabama.

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UNC PHARMACY SCHOOL NOTES

PHI DELTA CHI

Phi Delta Chi's new home project finally entered construction stage on April 21, when crews of J. P. Goforth Construction Company poured the foundation. The new house has been in the planning and development stage for two years and everyone is happy to see the hours of red tape and hard work pay off.

The new house will be 64′ x 61′, three stories high, and will house thirty-two brothers. The first floor will include kitchen, chapter room, house mother area, ladies restroom, formal living room, and a den. Second and third floors will each have eight bedrooms and a common bathroom area. The second floor also features a sun deck. The exterior will be unique in style at Finley Golf Course Road.

We hate to leave the fond memories of 206 Fetzer Lane, but growth of the brotherhood in numbers and physical deterioration of the present house made a new one necessary. The brotherhood will make every effort to make visitors feel at home at their new location, and alumni and friends are asked to stop by at any time they are in Chapel Hill. If anyone wishes more information about the new house, this can be obtained by contacting the controlling body of the brotherhood, Alpha Gamma of Phi Delta Chi, Inc., P. O. Box 2514, Chapel Hill, N. C. 27514.

Intramural Program

The brotherhood's new enthusiasm for its intramural program this year has produced results. Manager for the house, Chris Council, worked hard to improve our record which had been 27th among 28 last season. This year it came up to 14th. For his and the brotherhood's efforts, they received the Kay E. Louis Memorial Award for Outstanding Intramural Manager and also the Team Sportsmanship Award.

Also, one of our stars placed second on campus in outstanding athletic competition—Howard Duckworth. Men involved in the program worked well together and illustrated the real meaning of brotherhood. The loss of twenty seniors will weaken the teams but the new brothers will help take up the slack left by their graduation. The new manager, Larry Shelton, says we will finish in the top five in fraternity intramurals next year. All of us will work hard to help make his prediction come true.

New Members

New brothers who were initiated May 5, 1971 include: Richard Arnold Bethune, Daryl Madison Blackburn, James Murray Carroll, Jeffrey Kyle Deweese, Gene Winston Minton, and Barry Donald Wester. We welcome them to a long and beneficial brotherhood with Phi Delta Chi.

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Allies . . . For the Good of All

JOHN R. KERNODLE, *MD, Vice Chairman*
Board of Trustees, American Medical Association

Few professionals are as closely allied as the physician and pharmacist. And few professions embody the measure of trust so paramount in our relationship. What we prescribe, we look to you to deliver. The health and well-being of a separate party, the patient, depends on both our performances. Few other relationships in this world involve the sheer importance of ours . . . the sheer responsibility.

I want to say that at the outset in order to make plain my very great respect for the profession of pharmacy and for the profession of medicine.

In our current national climate, a climate drugged with the subject of drugs, and with talking, writing and even singing about the worst side of drugs, I suppose I could toss off a few quips. A few mind-expanding jokes, maybe, to get things underway. But I will decline the opportunity. Maybe I am old-fashioned, but I long for a return of the day when the only effect of "dropping acid" was a hole in the floor. How much better that is than a hole in the mind.

I want to speak today on other serious matters, matters which could profoundly affect what I consider a very noble relationship, that of doctor, patient, pharmacist and other health professionals, and the way in which we conduct our business. You know instantly what I am talking about when I say various efforts are afoot in Washington to encroach upon the doctor's way of doing business, and the hospital's, and others involved in treating sick people.

But first I would like to say a few words about your business. It is big. Mighty big. In 1969 alone, about $4.5 billion was spent on prescriptions in drugstores. Americans spent $124 million just on cough syrups, and another $41 million on aspirin. Now that is big business. And its very bigness shows that it is a mighty important business to Americans. Just how important is literally beyond measure.

How do you measure the convenience of strolling down an aisle and picking out a remedy for headache, or cold, or a mild sunburn? How do you measure the miracle of buying a little bottle of penicillin which the doctor has prescribed for a child's ear infection?

It might cost $5 or so. It might avert deafness. Just think of that. Just think of the possible consequences of such infection 30 or 40 years ago, of a wealthy father who might have cried in anguish, "I would give a million dollars if my child could hear again!" But all the money in the world could not help.

But today, antibiotic therapy is so routine that there is no longer much wonder about the wonder drugs. Laymen, and I suppose all of us now and then, just take them for granted.

But those ads by the National Association of Retail Druggists that say people get a lot more for their money in pharmacies are not just Madison Avenue Huckstering.

They are plain fact. Many feel we are on the verge of another "wonder drug" era with the approaching clinical advent of the prostaglandins. Will wonders never cease? We hope not.

A minor wonder has just been produced by the American Medical Association, the AMA Drug Evaluation Book. It is a new reference of prescribing information on the drugs most commonly used by physicians in treating patients. Four years in preparation, the 1,040 page book covers more than 1,200 single entity drugs and mixtures. All AMA members are getting a copy free and cost to non-members is $15. We are proud of this guide, which was complied with the help of more than 300 expert consultants. We hope it will help us practice better medicine. Such an undertaking is,

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Address by Dr. Kernodle at the 91st Annual Meeting of the North Carolina Pharmaceutical Association Durham, North Carolina——April 19, 1971

of course, of common interest to our professions.

There is other common ground for us, for example, in the continuing saga of dealing with the Food and Drug Administration, of doctors prescribing and the FDA proscribing and pharmacists valiantly trying to field the questions of a bewildered public. To illustrate, the FDA campaign to "clear drugstore shelves" is based on a study by the National Academy of Sciences. But many experts have questioned the study itself, including Doctor Louis Lasagna, one of the consultants for the AMA Drug Guide. Doctor Lasagna, professor of pharmacology at the University of Rochester School of Medicine, points out that such ratings as "probably effective" or "ineffective," established to guide the study panels, were not clearly defined nor easy to apply.

As an example of other shortcomings in the study, he says the "possibly effective" rating allows a grace period of only six months for supplying proof of effectiveness. This is barely time to plan trials and find investigators, much less to complete experiments and analyze the data. However, FDA said several years ago it would "accept adequately documented clinical experience to support advertising claims for old drugs." Now, those two stands contradict one another. In summation, it is my feeling that until a drug is flatly proven ineffective it should not be cast aside. And I further feel that federal agencies dictate entirely too much to both pharmacy and medicine.

Washington agencies, apart from the FDA, also are common ground for doctors and pharmacists. There is the continuing attempt to compile a formulary of drugs, a proposal which would assign a committee as a sort of super-doctor, deciding which drugs were necessary for patients receiving benefits under various federal health care programs. God forbid that we ever have such a "clinic central" in Washington.

We are aware of your efforts to include pharmacy students among those now receiving Selective Service deferments, a list which includes students of medicine, dentistry, osteopathy, podiatry, veterinary medicine and even optometry. The national Health Resources Advisory Council, I understand, has recommended inclusion of pharmacy students. But strange are the ways of Washington. Even now the lawmakers are debating legislation to repeal all undergraduate deferments.

But not all Drug-and-health oriented legislation or regulations are objectionable. There is great wisdom, for example, in a current bill to require drug identification codes to be printed on tablets and capsules, for greater protection of the patient. Both our professions are naturally pleased with the movement toward safer packaging of medicines and household substances. Such actions highlight the already keen concern for safety inherent in the pharmaceutical and medical professions. They are not particularly sensational, headline-catching measures, but they are significant.

Many efforts of our professions are not sensational and headline-catching, in a self-serving way, but they are significant. Such as wonder drugs. Heart transplant bedazzle the lay public, but physicians know how very limited such procedures are in therapeutic benefit and in the number of patients able to get such an operation. There are many other less-publicized procedures more valuable and more widely applicable.

Medicine, as represented by the American Medical Association, is making another unsensationalized but very significant move. It is offering a carefully-drawn measure in the Congress to assure better medical care for Americans; by relieving them of financial burdens related to health care. We are not seeking to dazzle anyone with it. We do not promise that if Congress passes it everything is going to be just wonderful, with no more paying doctor or hospital or drug bills and with hardly any sickness at all. That sort of nonsense has been strongly implied by advocates of some other health insurance plans, and they get headlines.

The Medicredit proposal of the AMA is designed to help Americans with what is probably their greatest concern in health matters, apart from the illness itself. And that is paying for care. Our plan would

help Americans under 65 buy private health insurance. Medicare would continue for those over 65. Financial help would be allocated on a sliding scale, according to individual income. The poor would pay nothing for their insurance, but they would get the same coverage as the middle-class and wealthy, who would pay for some or most of their coverage.

The AMA wants one level of care for all; we don't want poor folks going to the poor clinic, or rich people going to the rich clinic. Poor people who happen to get sick have been humiliated often enough by separation and labels.

The type of insurance provided would have to meet minimum standards, and would cover virtually all the things that health critics say we need in this country: Payment for hospital care . . . out-patient or emergency room care, routine physical examinations and medical care in a doctor's office, or a patient's home, or anywhere. It does not pay for drugs, and exclusion decided upon to help keep overall costs of the program down. However, payment for drugs could well be included in the bill's final version, or covered in an additional section of the private insurance contract purchased, perhaps on a deductible basis.

Medicredit would cost about $14.5 billion, compared with up to $80 billion for the Kennedy proposal. And Medicredit would not seek to destroy the very good health structure we have, but merely correct its deficiencies. I simply do not understand what the critics mean when they call our health care system rigid, out of date and unchanging. Senator Kennedy, sponsor of the health plan under which government would pay all bills and call all the shots, was recently quoted as saying that the system has operated for the benefit of health care providers, rather than the patients. That is a curious statement. I do not see hospital administrators, or doctors, or nurses occupying the intensive care unit, or the coronary care unit, or receiving transfusions, or physical therapy, or radiation therapy.

Whom do we help? Whom do we cure? An out-of-date, unchanging system? Ask someone who is living because of antibiotics, or hemodialysis, or a kidney transplant. Ask the patient with an artificial pacemaker in his heart. Those who would destroy the health care system and replace it with Heaven knows what, they don't know, are fond of pushing something called "preventive medicine."

They have chanted this phrase so long and so loudly that it is widely accepted as some sort of panacea on the horizon.

The idea is that if Americans could just visit a doctor any time they wanted, free of charge, they would stay well. Even a recent newspaper editorial favorable to Medicredit said, in listing the various insurance proposals, that the Kennedy plan would cover such things as "prevention of disease." If so, I believe Senator Kennedy deserves not only votes but the Nobel Prize in medicine.

Unfortunately, doctors know that just being able to visit the clinic every week or so is not going to do a thing about assuring health. Is it going to prevent death from heart attacks? The late Thomas E. Dewey of New York dropped dead of a heart attack recently, only hours after receiving a check-up at one of the most prestigious heart institutes in the country.

Is it going to prevent or ameliorate high blood pressure, caused and aggravated by smoking, drinking, and anxiety? Only the patient can quit smoking, quit drinking and resolve his problems. Is it going to keep people from having traffic accidents, or keep them from other sources of injury? Trauma is the leading cause of death of Americans age 1 to 37.

Of course, regular medical attention can do a great deal in helping people, by detecting some conditions early and possibly avoiding others, with the patient's cooperation. But it is not simply have to be honest and physicians simply have to be honest and caution against any claims that it will.

What will work a miracle—no, what will continue the miracle of medical and health progress, is better understanding and cooperation rather than criticism and recrimination, on the part of all concerned, in attempts to improve health care.

An example of such cooperation and understanding is that which exists between medicine and pharmacy. We exist to serve people. We give medical service, while you provide pharmaceutical service, neither of which can be fully effective without the other. As in any family which has a community of interest, we have differing views.

We oppose, as many pharmacists do, repeal of anti-substitution laws relating to the prescribing of drugs. The AMA policy, adopted by the House of Delegates last June, states:

> "Resolved, that the AMA herewith declares its intention vigorously to support the maintenance and enforcement of (anti-substitution) laws and regulations and to resist—together with responsible pharmacists and other providers of health care—the repeal or modification of them."

A new move has come in the wake of efforts to repeal outright those laws, as you probably know. The American Pharmaceutical Association's Academy of General Practice has set guidelines for pharmacists to circumvent the need for court tests, or repeal of the laws. It recommended that pharmacists use model consent forms in drawing up documents to obtain prescribing permission from doctors in their communities. The form, in effect, would provide authorization from physicians to allow pharmacists to substitute generic products for brand names. The AMA opposes such a move.

In fact, our position remains unchanged from a Board of Trustees statement on 1960, which called any such action the illegal practice of medicine by pharmacists.

So we have our divergent views. But the thing to remember is that we are comrades on the health team. Doctors have the very good fortune to be working alongside splendid and effective allies, such as you. We should not expect the impossible of each other, perfection and complete agreement at all times. We both make mistakes, but we can help correct each other's mistakes.

We can, through discussion, reconcile and understand differing views. The closeness of our professions has been well recognized for many years. Let us strive to make it even closer in years to come.

CLEVELAND COUNTY

The Cleveland County Drug Association held its monthly dinner meeting at the Shelby Elks Club on Sunday evening, May 16th.

President Dennis Beatty presided. Twelve members, representing seven drug stores and Cleveland Memorial Hospital Pharmacy were present.

Following routine business, Paul Ellison, administrator of Cleveland Memorial Hospital, presented a color slide and commentary program on new equipment and improvements in services and procedures that have taken place in the hospital program in the past year.

As customary in past years, the group decided not to meet during the summer months, with the next meeting scheduled for September.

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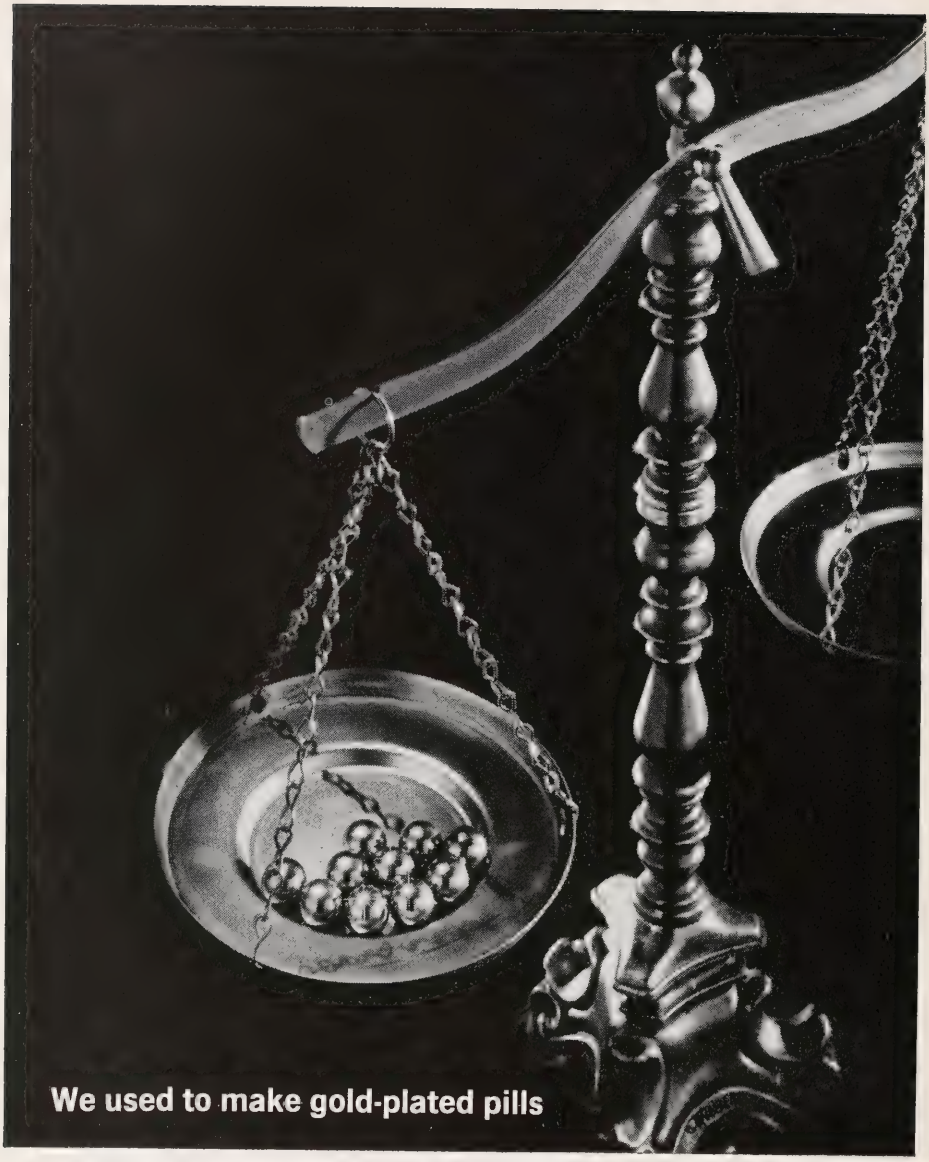

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UNC PHARMACY GRADUATES OF 1961 MEET IN CHAPEL HILL FOR THEIR 10th CLASS REUNION

First row, left to right: Arthur L. Bradsher of Roxboro, Donald J. Smith of Statesville, Mrs. Dorothy R. Ball of Marietta, Georgia, Sidney Harmon of Wilson and Phillip Crouch of Asheville.

Second row, left to right: Larry Lazarus of Sanford, William Johnson of Franklinton, George McLarty of High Point and Sam Goodwin of Marshville.

Third row, left to right: Terre Smith of Winston-Salem, Robert Parker of Richmond, Va., James Sheets of West Jefferson, William Morris of J. V. Putnam, both of Bessemer City.

Also present but not in picture: Minnie Barnes Jones, Charlotte.

Drug Therapy Problems

by
Robert J. Allen, M.S.*

An important part of assuring the effectiveness of a patient's drug therapy is to be certain that he takes, and takes correctly, the medications prescribed for him. Too often a patient, especially a chronically ill one, is needlessly hospitalized because of a lack of understanding of the drugs he takes. Beller, et al., in a recent issue of *The New England Journal of Medicine* (284: 989-997, May 6, 1971) emphasized this by reporting that 23% of 140 patients who were taking digitalis were shown to be digitoxic.

A major reason for the lack of understanding arises from poor communications between the pharmacist, nurse, and physician. Each of these professionals relies on the other two members of the health team to council the patient about his drugs, which usually results in no one doing an adequate job. It was shown in an unpublished study conducted at the University of Kentucky Medical Center, that 41% of patients being discharged on medications were instructed about their medications by a physician. The study also indicated that 21% did not receive any instructions at all and 7% received instructions from a unit secretary.

It is apparent that the pharmacist is the best qualified and most logical professional in the hospital or community to instruct patients how to properly use their medication. With a little effort and concern, the pharmacist can positively affect the prognosis of his patients by assuring that directions for taking medications are thoroughly understood.

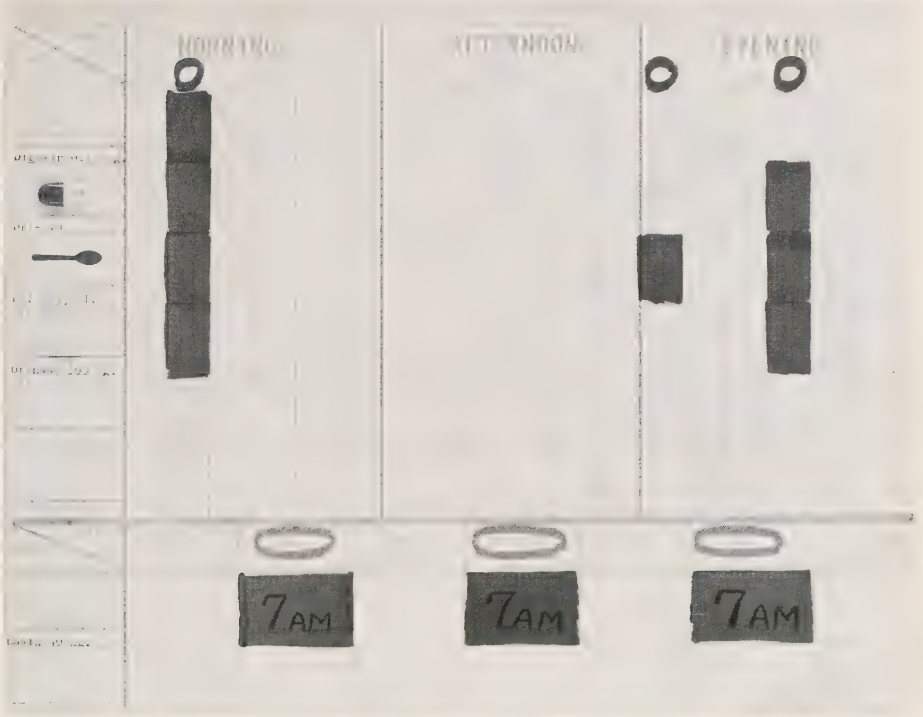
There are a number of ways this can be done. For the intelligent patient, it takes no more than verbal reinforcement of the directions on the prescription label with some additional questioning to see if the patient understands. Additional verbal reinforcement is useful to assure that a patient continues with his therapy and takes his medication at the proper times. For example, with antibiotics, the pharmacist should always tell a patient to take all the medication prescribed. If a medication, such as ampicillin, is not to be taken with food, the pharmacist should help the patient to establish the appropriate times of the day in which the medication should be taken. If the patient is taking medications for a chronic condition, such as digoxin 0.25 mg. every day for Congestive Heart Failure, the pharmacist should emphasize the importance of regularly taking this medication and of having this prescription refilled before it runs out.

Instructing the not-so-intelligent patient is more difficult, but not an insurmountable task. This type of patient, especially if he is chronically ill and taking a multitude of drugs, is best instructed with verbal reinforcement and a graphic aid such as a "Patient Medication Calendar" (see Fig. 1). This device is relatively simple, but has proven to be useful for patients who cannot read and who cannot remember when to take their medications.

The calendar is printed on an 8½" by 11" sheet of heavy bonded paper. The patient's drugs are secured to the left-hand margin of the calendar, and the times the drugs are to be taken are "blocked" in with a marker in the appropriate "time" columns to the right of each drug. If the patient is taking a liquid medication, a picture of a glass container or a portion of the box in which the container is packaged can be secured to the calendar to help identify it to the patient. If the patient cannot tell time, labels depicting breakfast, lunch and dinner can be secured to the top margin of the calendar to help the patient determine when he should take his medications.

The bottom portion of the calendar is

* Instructor of Clinical Pharmacy, School of Pharmacy and Clinical Pharmacy Specialist, N. C. Memorial Hospital, University of North Carolina, Chapel Hill, North Carolina.



PATIENT MEDICATION CALENDAR

designed for drugs that are to be taken on odd dosage schedules. Days of administration, rather than times of administration, are used to show the patient what days of the week he should take the medication. For example, if a patient was to take Furosemide 40 mg. on Monday, Wednesday, and Friday, the appropriate columns could be easily blocked in with the times of administration written in the column in bold print.

If the Calendar is to be the most effective, it should be filled out in the presence of the patient or the individual who will be administering the medications to the patient. It is also important to have the person who was instructed repeat the instructions back to the pharmacist to see if they are properly understood.

In order to give the reader a better understanding of how to use the Calendar, an actual case will be presented from the Outpatient Department of North Carolina Memorial Hospital.

S.R.B., a 65 year old black female, came to the Emergency Room at 10:00 P.M. on a Sunday night with acute pulmonary edema resulting from not taking digoxin for the previous two weeks. She was given 80 mg. of Furosemide IM STAT, and by 2 A.M., had diuresed five quarts of water and was sent home. At 10 A.M. the following morning she came to the Outpatient Department to have her condition re-evaluated. At this time, a pharmacist was asked to take a medication history and help determine why she had a drug therapy problem. The pharmacist learned that S.R.B. was a widow living with her 15 year old granddaughter. Since her granddaughter was still in school, S.R.B. stayed at home alone during the day. She had bilaterial cateracts which prevented her from reading the pre-

scription label and also had a poor memory. When she ran out of her medications she could not remember to get them refilled. Thus she stayed in bed most of the time feeling progressively worse until she was taken to the emergency room by friends. The granddaughter was very concerned about her health, but said she "couldn't keep all the drugs straight in her mind." Also, because she was in school, she could not be home during the day to administer certain doses to her grandmother.

After her condition was re-evaluated, S.R.B. was given the following prescriptions: Furosemide 40 mg. M-W-F, Digoxin 0.25 mg. q am, Potassium Chloride 10% 15 ml. t.i.d., Tolbutamide 500 mg. b.i.d. and Phenformin-TD b.i.d.

The pharmacist, using the Medication Calendar, centered his instructions for S.R.B. around the granddaughter's school schedule. Since she left for school at 7:30 A.M. she was asked to give S.R.B. all her medications at 7 A.M. Since the Potassium Chloride was the only drug with a t.i.d. schedule, the second dose was scheduled to be given at 6 P.M., at the time the granddaughter got home from school. The last dose of all of the other medications were to be given at 9 P.M., S.R.B.'s bedtime. The Furosemide dosage schedule was entered on the bottom of the Medication Calendar. It was explained to the granddaughter that this drug was to be given with the other drugs at 7 A.M., but only on Monday, Wednesday, and Friday.

Since the use of the Medication Calendar, the patient has had no drug-related emergency room visits. Personal communications with the patient and her granddaughter have assured the pharmacist and physicians involved that the patient is taking her medications properly and her condition has stabilized.

Serving as Pages for the Woman's Auxiliary at the Durham Convention were (left to right): Student wives Mrs. Howard Kivett, Mrs. Clyde Kistler, Mrs. Marshall Henry; Miss Marcia Creech, daughter of Mr. and Mrs. Grover Creech of Smithfield; Student Wives Mrs. Charles Duffey, Mrs. Kenneth Updegrave; Chief Page Mrs. William V. O'Quinn, Durham; Miss Janet Wells, Durham, daughter of Mr. and Mrs. William P. Wells; and Miss Cindy Bland, daughter of Mr. and Mrs. Joseph Bland, High Point. Photo By Colorcraft

DOINGS

OF THE AUXILIARIES

- **Charlotte—Mrs. James A. Wolfe**
- **Greensboro—Mrs. Edwin H. Meade**
- **Raleigh—Mrs. C. O. Burleson**
- **Winston-Salem—Mrs. G. C. Hartis, Jr.**

MRS. GEORGE H. COCOLAS TO HEAD WOMAN'S AUXILIARY 1971-72

Mrs. George H. Cocolas of Chapel Hill was installed at the annual meeting of the N. C. Pharmaceutical Association and its Affiliated auxiliaries, just concluded in Durham, and will serve as president of the Woman's Auxiliary for the year 1971-72. Her previous offices in the organization include Secretary, Treasurer, and Editor of "Doings," official publication.

Mrs. Cocolas is active in the Chapel Hill Woman's Pharmaceutical Auxiliary, having served as president, treasurer, secretary, historian, and committee chairman for their annual Benefit Bingo.

She is active in the Ladies Hellenic Society of St. Barbara Church of Durham and has held the office of Treasurer for 7 years, president for 2 years, and chairman of their annual bake sales. She is also interested in the Scouting programs and has been a Brownie leader and served as Troop Cookie Chairman for five years. Her hobbies include sewing, baking, handicrafts, and Greek dancing.

Mrs. Cocolas, the former Erie Calymios, was born in Flushing, New York and lived there until her marriage in 1953 when she moved to Chapel Hill. Her husband is Associate Professor of Medicinal Chemistry at the School of Pharmacy at the University of North Carolina. The Cocolases have four children: two sons and two daughters.

Mrs. Cocolas was honored with a Coffee held at the home of Mrs. W. J. Smith, Chapel Hill, wife of the Executive Director of the NCPhA. Members of the Chapel Hill Pharmaceutical Auxiliary and the Durham Mortar-and-Pestle Club were guests, as were state Auxiliary officers from over the state.

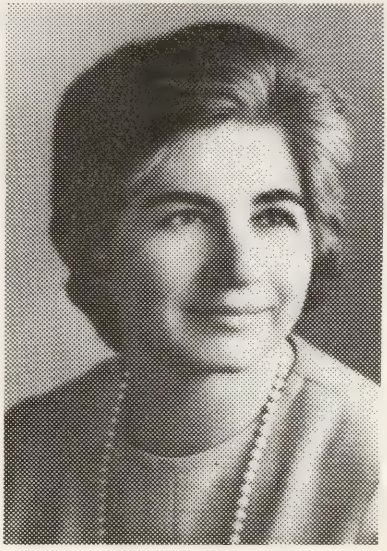
Assisting in serving were Mrs. George P. Hager, Mrs. Lee Werley, Mrs. David Work—wives of Deans of the UNC School of Pharmacy; Mrs. M. L. Jacobs of Chapel Hill, widow of a former dean; Mrs. Claude Paoloni, president of the Chapel Hill Auxiliary. Mrs. William P. Wells of Durham and Mrs. Grover Creech of Smithfield, past-presidents of the State Auxiliary also assisted. Mrs. B. Cade Brooks of Fayetteville, wife of the retiring president of the N. C. Pharmaceutical Association also served.

RALEIGH

The Raleigh Woman's Pharmaceutical Auxiliary wound up the season with an annual dinner meeting at Raleigh's Milburnie Fishing Club on May 6.

Members and their husbands enjoyed good fellowship and lots of food—a delicious barbecued chicken dinner.

New officers for 1971-73 were introduced. They are: President—Mrs. W.J. (Barbara) Rhodes; Vice-Pres.—Mrs. Roger (Sheila) Williams; Secretary—Mrs. L. D. (Jean) Morse; Treasurer—Mrs. Marion (Andy) Suitt; Reporter—Mrs. C. O. (Jackie) Burleson.



Mrs. George H. Cocolas

GREENSBORO

The March meeting of the Greensboro Drug Club Auxiliary met at the home of Mrs. M. M. Edmonds. Hostesses for the meeting were Mrs. G. G. Buchanan, Mrs. W. S. Dukes, Mrs. C. C. Graham, and Mrs. R. F. Whiteley.

Plans were finalized for a trip to Jugtown in April. It was decided, in addition to the $300 Virginia T. Hayes Scholarship, $25 would be donated to the UNC School of Pharmacy and $25 to the N. C. Institute of Pharmacy.

The May meeting was a luncheon held at the Greensboro Country Club. Hostesses for the meeting were Mrs. S. T. Forrest, Mrs. J. F. Pickard, and Mrs. J. H. Upton.

The installation of officers was conducted by Mrs. George Hager, wife of the Dean of The UNC School of Pharmacy. The officers are as follows: President—Mrs. W. H. Fuller, Jr.; Vice-President—Mrs. J. H. Upton; Secretary—Mrs. E. H. Meade; Treasurer—Mrs. G. H. Edmonds; Chaplain—Mrs. W. P. Rose; Historian—Mrs. E. R. Kinard, Jr.

A gold initial pin was presented to Mrs. W. S. Dukes in appreciation for her assuming the presidency of the auxiliary during the year concluded in May.

WINSTON-SALEM

The Winston-Salem Apothecary Club held its May dinner meeting at the Forsyth Country Club with 16 members and two guests present.

Dinner was followed by a business meeting at which it was decided to contribute $50.00 to the Institute of Pharmacy. Mrs. Denver Lennon and Mrs. Don Chapman reported on convention "happenings." The club voted to change the meeting time to the first Thursday morning of each month, beginning in the fall.

Mrs. Don Chapman conducted the installation of new officers. They are:

President—Mrs. T. C. Clark; Vice-President—Mrs. A. C. Dollar; Secretary—Mrs. G. C. Hartis, Jr.; Treasurer—Mrs. J. W. Crane.

The club presented the out-going President, Mrs. Denver Lennon with a gift.

WEDDINGS

Miss Elizabeth L. Hemphill of Hamlet and Michael M. Morris of Newton Grove were married April 14 in Dillon, South Carolina.

The bride is a graduate of Western Carolina University and is a teacher at Sunset Park Elementary School in Wilmington.

The bridegroom, a 1967 graduate of the UNC School of Pharmacy, has been associated with Henriksens Pharmacy of Wilmington.

BIRTHS

Mr. and Mrs. Seymour Holt announce the birth of a daughter, Anne Caroline, May 14. Mr. Holt, alumnus of UNC School of Pharmacy, is with Eli Lilly Company. The Holts are now living at 6325 N. Ewing Street, Indianapolis, Indiana 46220.

DEATHS

John Howard Gibson, manager of White Cross Drug Store, Hamlet, died May 17.

JOHN T. GARDNER

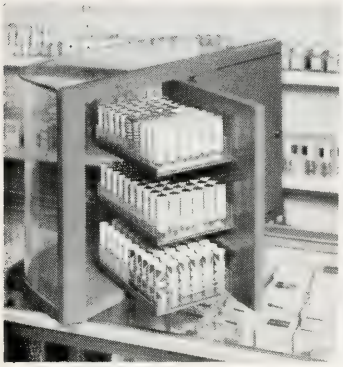
John Tipton Gardner, 46, Mooresville pharmacist and district supervisor for Revco Drug Centers, drowned in the waters of Lake Norman on May 16.

A native of Hillsville, Va., Mr. Gardner was a graduate of the School of Pharmacy, University of South Carolina, and had made his home in Mooresville since 1950.

Assuming ownership of the Goodman Drug Company in the early 50s, Mr. Gardner and his brother, Carlin, over the past 20 years established and were part owners of a number of retail stores in Mooresville, Statesville, North Wilkesboro and Statesville. In August, 1968, the operation was merged with the Revco Drug Centers at which time Mr. Gardner became a district supervisor for the drug chain.

He was a member of the Lowrance Hospital Corporation, the American Legion, Elks, was a deacon at the First Presbyterian Church and an active member of the University of South Carolina Alumni Association.

Kiss Lipstick Profits Hello



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Seamless contoured front glass, wood ends and wood bottom. High lipstick case capacity.

12 removable trays, capacity 60 lipstick cases each for a total of 720 lipsticks included.

Storage area below top shelf can accommodate 6 additional trays, available as accessory, with capacity of 360 lipsticks.

Total capacity: 1080.

Wood shelf is slanted and has lip. Open to the rear for convenient sales access. Wood ends and base.

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The two swing-out doors with fixed metal shelves swing to rear for easy selection from removable plastic trays.

Each tray holds 60 lipstick cases. Total lipstick cases displayed, 360.

Curved front glass. Wood back frame and base.

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For literature and prices contact any one of the OM&B houses.

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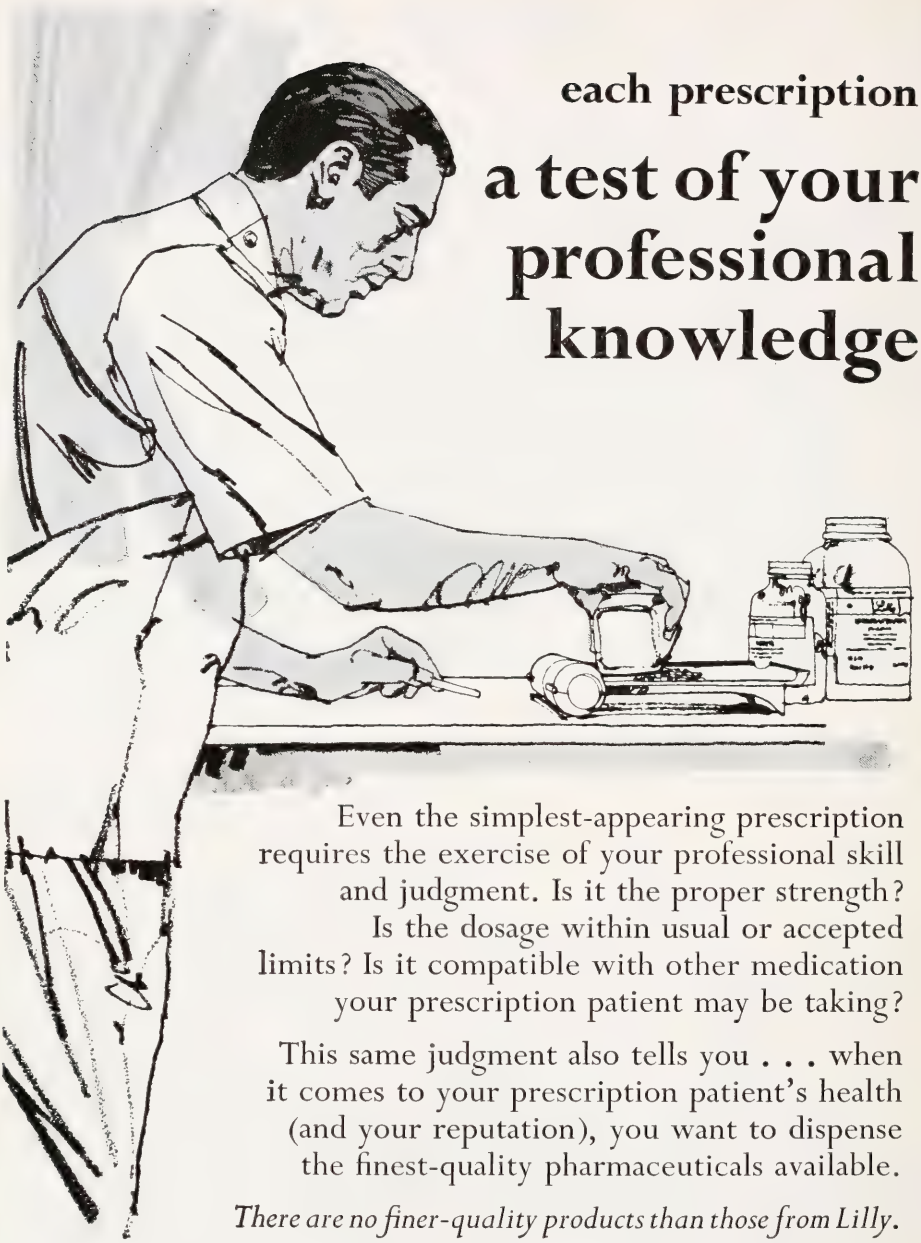
The Carolina JOURNAL OF PHARMACY

Volume LII July 1971 Number 7

In service, as licensed Pharmacists, for 50 plus years (left to right) Ira Otis Wilkerson, Greensboro; H. N. Guion, Marshville; and John Craton Mills, Mount Airy. Gold pins were presented to the Pharmacists by the NCPhA along with a suitably inscribed certificate certifying to their having been licensed as pharmacists for 50 plus years. Four thousand Pharmacists have been licensed by the N. C. Board of Pharmacy since these Pharmacists were registered in 1921. Photo by Colorcraft

LIBRARY
JUL 27 1971
SCHOOL OF PHARMACY

B. Cade Brooks (right), the Immediate Past President of the N. C. Pharmaceutical Association, had the rare and unusual experience of presenting "50 Plus" Certificates to two brothers, C. L. Guion of Aberdeen and H. N. Guion of Marshville, who recently completed their 50th year as licensed practicing Pharmacists in North Carolina. —Photo by Colorcraft



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The Carolina JOURNAL OF PHARMACY

July, 1971

Vol. LII No. 7

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HOWARD HARRELSON ELECTED

Howard Harrelson has been elected to a 4-year term as town commissioner of Tabor City.

Mr. Harrelson, owner/manager of Harrelson's Pharmacy, is a former mayor of Tabor City and as an indication of the family's political background, his father served as a member of the North Carolina General Assembly.

COMMENDATION FOR L. JACKSON

Leonidas Jackson, Erwin's first mayor, was the recipient of a Resolution of Appreciation for his fine work. Listed in the resolution were accomplishments enjoyed by the town since it was incorporated and Mr. Jackson became its mayor in 1967.

The Resolution listed many of the programs undertaken during his term of office and said that "during his administration, community improvement projects costing more than one million dollars were completed or begun."

NATIONAL ETHICAL PHARM. ASSN. MEETS IN GREENSBORO

Among the speakers appearing in a recent meeting of the National Ethical Pharmaceutical Association in Greensboro were U. S. Rep. Richard Preyer of Greensboro, Ed Wimmer, vice president of the National Federation of Independent Business and Sol F. Abrams, Greenville, S. C. attorney.

Elmore Rouse of Mayrand, Inc. was program chairman for the meeting.

FOR SALE

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Exceptional opportunity open in established shopping center, Reidsville, N. C. for experienced pharmacist interested in advancement to ownership/management level. Will construct building and negotiate lease on mutually agreeable basis. Center now has five successful retail stores and is located near manufacturing establishment with more than 300 women employees. Part financing available to responsible pharmacist. Details from M. Tanger, Towers Apartments, Greensboro, N. C. 27401.
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VENDOR PAYMENT—NORTH CAROLINA STATE DEPARTMENT OF SOCIAL SERVICES

	May		*July 1, 1970—May 31, 1971*	
Service	*Occasions*	*Amount*	*Occasions*	*Amount*
Inpatient	84,806	$3,431,290.47	765,047	$28,019,074.11
Outpatient	26,311	431,663.58	225,488	3,320,371.29
Dental	12,017	579,938.50	185,958	5,997,618.16
Pharmacy	303,875	1,348,960.22	2,969,792	13,170,601.93
Physicians	101,362	1,569,222.05	974,650	13,196,905.62
Nursing Homes	136,195	1,690,744.86	1,254,053	14,782,954.74
Optical Supplies	5,737	145,881.67	58,990	1,479,374.40
Home Health	1,396	13,965.03	8,736	79,421.45
Mental Health	128,728	855,303.25	404,011	2,406,676.09
Total	800,427	$10,066,969.63	6,846,725	$82,452,997.79

NCPhA OFFICERS-ELECT

The Elections Committee of the NCPhA met June 16 at the Institute of Pharmacy to open, review, and tabulate ballots which had been received during the 30-day voting period immediately preceding that date.

Nominees were those appearing on the slate which had been accepted at the April 1971 Convention.

The tally revealed the following to be successful: First Vice-President (President-Elect): W. Whitaker Moose, Mt. Pleasant; Second Vice-President: W. H. Wilson, Raleigh; Third Vice-President: Lloyd M. Whaley, Wallace; Members of the Executive Committee for a one-year term: Donald K. Chapman, Winston-Salem; Marion M. Edmonds, Greensboro; Joseph P. Tunstall, Washington.

These pharmacists and Donald J. Miller of Morganton, who automatically becomes president upon the expiration of his present term as First Vice-President, will be installed at the 1972 Annual Meeting of the NCPhA. W. J. Smith will continue as Secretary-Treasurer.

Other results: Jesse M. Pike of Concord will succeed himself as a member of the N. C. Board of Pharmacy. Directors of the N. C. Pharmaceutical Research Foundation who will succeed themselves are Charles D. Blanton, Jr., Kings Mountain; Robert B. Hall, Mocksville; John T. Stevenson, Elizabeth City. Hoy A. Moose will begin his first term as a Director at the annual meeting of the Foundation.

Jerry Price, Chairman of the Elections Committee, along with Don Peterson of Durham and the NCPhA Office staff assisted with the ballot tabulation. More than 700 votes were cast.

M. B. MELVIN MEMORIAL AWARD

The latest addition to the annual awards sponsored by the North Carolina Pharmaceutical Association is pictured above—The M. B. Melvin Memorial Award.

Established by Raleigh Pharmacist Robert H. (Bob) Seaborn, the award is named in honor of Marion B. Melvin, who served as a member of the N. C. Board of Pharmacy while operating Melvin's Pharmacy in Raleigh.

Each year the local pharmaceutical organization having best public relation program/project will be entitled to have name of organization inscribed on award, which remains on display in the Institute of Pharmacy, Chapel Hill.

Rules and a judging committee will be established later this year. It is anticipated the award will be presented at the 1972 annual meeting of the NCPhA.
P. O. Box 247

Will build Drug Store for interested party. Site located next to super market on Highway 150, three miles west of Kernersville, N. C. in very heavy populated area. Call 788-8559 Richard M. Motsinger, 117 Oak Grove Road, Winston-Salem, N. C. 27107.

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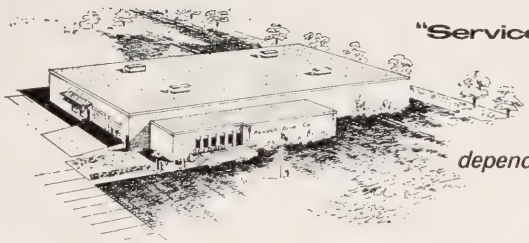

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"Speaker of the House" certificates in recognition of Outstanding Public Relations Effort at the Local Level have been awarded to, left to right: DeWayne P. Franzen of Greensboro, Council Foy Bradshaw of Tarboro and Howard A. Yandle of Chapel Hill.

Photo by Colorcraft

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FAST SERVICE — DELIVERIES — ACTION

At the turn of the century, a typical drug store appeared as pictured above—tile floor, metal ceiling with design, mahogany marble-top fountain with ornate gravity flow syrup dispenser flanked by large mirrows, wire back chairs and in the rear, rows of flint glass stopper bottles containing tinctures, fluid extracts, syrups, etc. This picture of Saunders and Fowden Drug Store, Williamston, is reproduced from the Williamston Enterprise thru the cooperation of Pharmacist Davis. A similar-type fountain is on display in Chapel Hill at the Ranch House. Photo Copy by Eugene Rice.

let's get down to brass tacks

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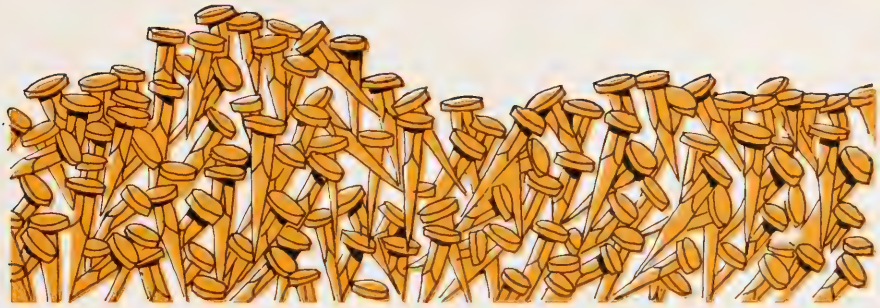

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8. **Professional Services Department.** A professional services department which provides you with vital assistance in the form of direct services and/or consultation in areas including: Medicare, Medicaid, third party payment programs, pharmaceutical inventory control, federal and state regulations, and many other areas.
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NEW PHARMACIES

(1) Eckerd Drugs, 2912 Morehead Plaza, Morehead City. Elder Jones, pharmacist-manager.

CHANGE IN OWNERSHIP

(1) Lanier Drug Company, Inc. (successor to E. R. Thomas Drug Company), 103 East H Street, Erwin. Billy W. Lanier, owner and pharmacist-manager.

(2) Warren Drug Company, 211 East Main Street, Benson. Franklin E. Wells, owner and pharmacist-manager.

INSTITUTIONAL PHARMACY

(1) Robert N. Ball, Jr. Care Center Pharmacy, 700 South Holden Road, Greensboro. Ellen Macon Brown, pharmacist-manager.

RECIPROCITY

(1) Jane Ann Ellis, Chesapeake, Virginia (from Virginia)

(2) Forrest Michael James, Goldsboro (from Alabama)

(3) Raymond Dewey Joye, Wake Forest (from South Carolina)

(4) William W. Palmer, Clarksdale, Miss. (from Miss.)

(5) Mrs. Margaret Barnes, Richmond, Va. (from Virginia)

(6) Graham Reig Pigg, Spartanburg, S. C. (from S. C.)

(7) Carl Salvatore Reale, Franklin (from Colorado)

(8) George Watson Williams, Jr., Decatur, Ga. (from Georgia)

FIRE DESTROYS EASTWOOD PHARMACY

Eastwood Pharmacy of Kannapolis was destroyed by fire the night of June 24th, the second time the firm has been ravaged by flames during the past four years.

First firemen to arrive at the scene reported that the front window of the pharmacy had already blown out and flames were leaping 30 feet into the air. According to newspaper accounts, the pharmacist, Clarence Swaringen, and a clerk, Martha Steele, had closed the business for the day about 7 p.m. and it was more than three hours later that a passing motorist observed the building ablaze.

Harold Puntch, manager of the pharmacy, said all prescription files saved were at Pike's Drug Center.

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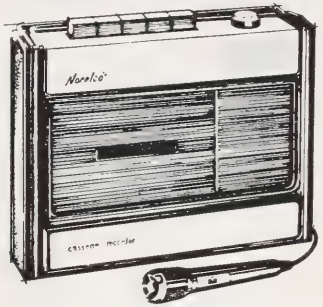

Don't miss this great Norelco special! For a limited time, we're offering a spectacular 2-in-1 value. This is a quality pushbutton cassette recorder that features a dual motor system for fewer moving parts, longer motor life and better performance. Plus a Big Bonus . . . free Norelco AC Adapter to power the recorder from household current!

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LETTERS to the Editor

I was most surprised to see the article "A Physician's View of Cephalexin (Keflix, Lilly)", by Janet J. Fischer, M.D., and the introductory comments of Stephen M. Caiola, Director Clinical Pharmacy Program, School of Pharmacy, UNC, Chapel Hill, N. C. printed in the May issue.

I still believe it is the duty and privilege of the physician to choose the antibiotic he finds is most effective in the patients he is treating, and I also feel he and the pharmacist should consider cost of medication only as a part of the rational method of selecting the antibiotic, or other, drug of choice.

There are other costs involved in making this selection other than the cost per unit dose of medication, such as how much gainful employment the patient will be denied because of the inability of the less expensive drug to effect a clinical recovery, or how expensive will the hospitalization be while the blood studies are being run to decide which is the "best" choice.

I feel the Journal should invite Dr. Griffith, or someone else on his staff, to present his findings and rational as to when this drug is indicated. I believe he has access to more clinical data on Keflex (Cephalexin, Lilly) than any other person in this country.

From reading this article I get the impression that the author implies that the manufacturer will be attempting to promote this product where it has marginal value, and this is certainly not the usual or expected conduct from a manufacturer of such integrity.

W. B. Van Valkenburgh
Asheville

TAR HEEL DIGEST

WADESBORO—Risden A. Lyon, son of the late Robert P. Lyon and owner-manager of Fox and Lyon Drug Store, is the new president of the North Carolina Merchants Association.

RALEIGH—A. Shakoor Adam has joined A. H. Robins Company as a medical representative and has been assigned to the Raleigh area.

RALEIGH—Gordon's Pharmacy, Inc., 1500 BB&T Building, Raleigh, has been licensed to manufacture, compound, prepare, purchase, sell and deal in and with all types and kinds of medicines, drugs, pharmaceutical and medicinal preparations. Robert L. and Sue Gordon of Cary are the incorporators.

FLETCHER—Burglars cut a hole in the Fletcher Pharmacy roof but were apparently frightened away, since it was apparent they had left hurriedly. Two cartons of cigarettes and $50 cash were missing.

SMITHFIELD—J. Marshall Sasser, Smithfield pharmacist, spoke to the Home Life Department of the Smithfield Woman's Club. He showed a film entitled "LSD-25" and spoke on the topic of Drugs and Drug Abuse.

CARY—Bob Gordon served as chairman of this year's Veteran of Foreign Wars annual Poppy Sale in Cary and was responsible for seeing that 2,000 poppies were sold in the Cary area. Proceeds went to disabled veterans in Veteran Administration and State Veteran Homes.

ROANOKE RAPIDS—L. B. Doyle, Jr., former owner of the Roanoke Drug Company, has accepted a position as pharmacist with Eckerd Drug Store in Plaza Shopping Center on U.S. 158 near Interstate 95.

CLINTON—Pharmacist A. Byron Butler was recently saluted by the Clinton Rotary Club for long-time service to the business community. Mr. Butler has operated a pharmacy in Clinton since 1919.

SILER CITY—Miss Leanora Louise Brooks, daughter of Pharmacist and Mrs. F. G. Brooks, Jr., is attending the ninth session of the Governor's School of North Carolina, which is held each year in Winston-Salem for academically and artistically talented boys and girls.

GASTONIA—Prescription Center Pharmacy was robbed of a quantity of drugs which had been left in front of the store by a delivery man.

ROCKINGHAM—Fox Drug Company was entered on the night of June 22 and thieves made off with a small amount of narcotics. According to a representative of the firm, the amount of narcotics stolen was of negligible value since the pharmacy keeps very little in stock.

J. FLOYD GOODRICH

The many friends of J. Floyd Goodrich of Durham will be pleased to learn he is recovering nicely from a recent ten days of hospitalization.

Floyd served as secretary-treasurer of the TMA of the NCPhA for 40 years and upon retirement in April of this year, was honored by the TMA at the organization's annual meeting in Durham. We will have more to say about Mr. Goodrich's service to North Carolina Pharmacy in a future issue of The Carolina Journal of Pharmacy.

Letters will be welcome. His address: 2121 West Club Blvd., Durham, N. C. 27705.

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- STORE ACCESSORIES
- EXPERT INSTALLATION
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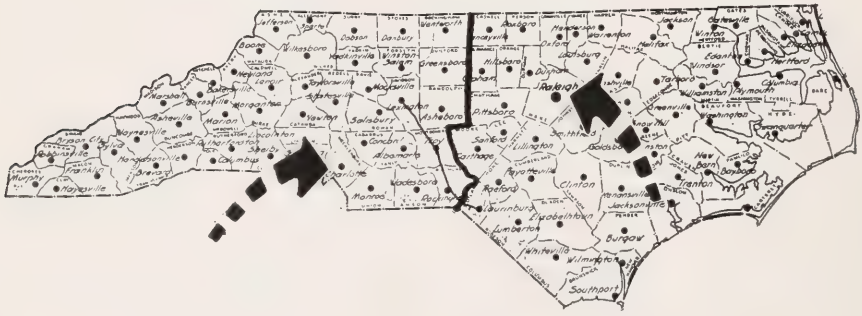


ROLAND G. THOMAS
STORE DESIGN
P. O. BOX 25345
CHARLOTTE, N. C. 28212
(704) 376-5150

ROBERT J. NYBERG
STORE DESIGN
532 HARVARD ST.
RALEIGH, N. C. 27609
(919) 787-0516

Passing of the TMA Gavel along with congratulations from TMA President Rush Hamrick (left) to the newly installed TMA President for the coming year—L. D. Davidson, Sr.

Photo by Colorcraft

Bobby McDaniel (right) of McKesson & Robbins Charlotte Division presents M & R President's Gavel Plaque to NCPhA President John C. Hood, Jr.

Photo by Colorcraft

FIVE SALESMEN FROM THE SOUTHEASTERN STATES HONORED FOR OUTSTANDING ACHIEVEMENT IN 1970

Five pharmaceutical salesmen from the Southeastern States were among 32 out of a total sales force of more than 1,200 recognized by The Upjohn Company for outstanding achievement in 1970.

Named to membership in the Academy of Upjohn Salesmen were: S. Gray Dixon, Goldsboro, N. C.; Joseph S. Paterniti, Miami, Fla.; Normand A. Miville, St. Petersburg, Fla.; Robert E. Padgett, Jr., Durham, N. C., and James R. Davis, Jr., Mobile, Ala.

All honorees and their wives spent three days at the Company's guest facility near Kalamazoo. The awards also included a cash stipend.

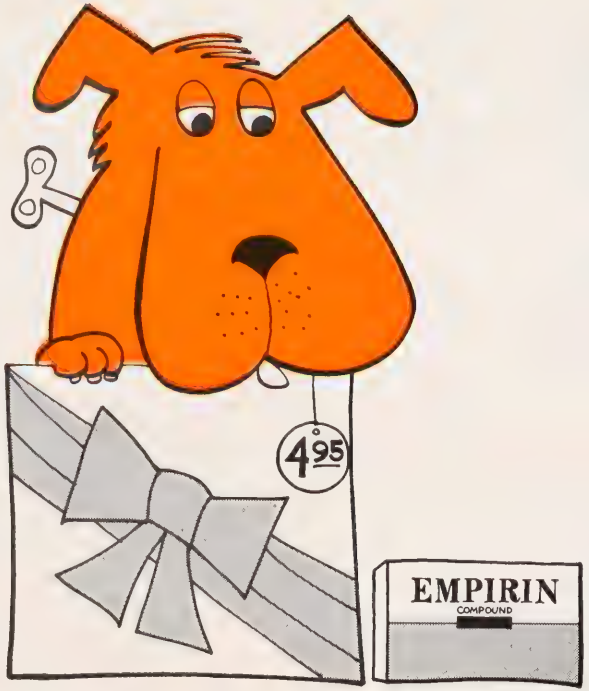
Dixon, headquartered in Goldsboro, has been with the Company for six years. He holds an R.Ph. degree from the University of North Carolina.

Paterniti, who joined Upjohn in 1964, was an Associate Academy winner in 1966. He holds an R.Ph. degree from the University of Buffalo and is headquartered in Miami.

Headquartered in St. Petersburg, Miville was an Associate Academy winner in 1969. In the five years he has been with the Company, his territory has shown outstanding growth. Miville holds an R.Ph. degree from Northeastern College of Pharmacy.

Padgett's exceptional product knowledge made him an Academy winnner in 1967 and 1968. He joined Upjohn in 1964. Padgett holds an R.Ph. degree from the University of South Carolina, and is headquartered in Durham.

With twelve years of experience as an Upjohn salesman, Davis was an Academy winner in 1965, and in 1970 had the highest dollar gain in the Memphis sales area. He is headquartered in Mobile, and holds a B.A. from Memphis State University.

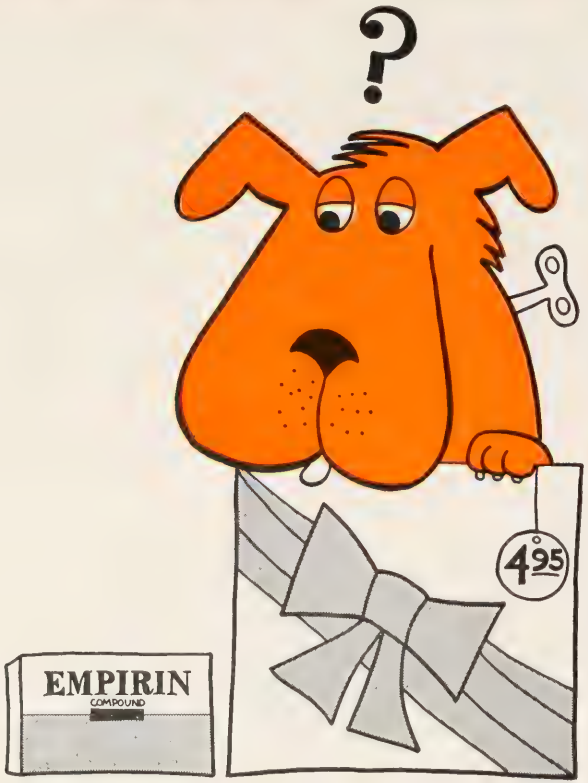


All joking aside, Empirin Compound is one of your most profitable analgesics. And Empirin is making waves it's never made before, so it really deserves a little more of your attention.

Now, there are more than two million opportunities a month for practically all physicians, all nurses and all dentists to see the new advertising for Empirin Compound.

And when these health professionals recommend Empirin, their patients won't be looking for it in supermarkets—but in pharmacies.

Should you put **EMPIRIN® Compound** next to your most profitable item?



Or, should you put your most profitable item next to EMPIRIN Compound?

So, look to your stock. In addition to good profits from Empirin Compound, the extra traffic should help you move a lot of other items as well.

Display Empirin Compound for greater sales and profit.

When customers ask your professional advice:
Recommend two Empirin tablets every three hours, for minor aches and pains, simple headache and toothache, and to help relieve the discomfort of colds.

Empirin Compound.
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We are proud of our long association with North Carolina druggists through The Carolina Journal of Pharmacy and its editors. *The Journal* is now in its fifty-second volume, and the first printed copy was "Seeman Printed."

The SEEMAN PRINTERY
of DURHAM, NORTH CAROLINA

NOW ABOUT THAT "GREETING" FROM THE ATTORNEY GENERAL'S OFFICE

The 2 million plus greetings mailed to North Carolinians from the Attorney General's Office in Raleigh in regard to the antibiotic price fixing suit met with various reactions.

In one case, a woman interpreted the notice as a request for payment of a long-due drug bill and inquired if she could pay by the month.

Some persons thought they were being sued; others felt the notice required them to personally enter suit against Squibb and the other drug firms mentioned in the "consumer class" suit.

We cannot estimate the dollar time-loss by pharmacists in answering queries regarding the suit but it would be significant. Since the prescription accounting period—1954 through 1966—is past the required retention of records, we predict that most, if not all, Rx consumers for the period will have difficulty in substantiating their recovery claims.

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PHARMACISTS IN PUBLIC LIFE

Wm. H. (Bill) Barton, Pleasant Garden Drug Store, Pleasant Garden
Member, Guilford County Board of Education

F. C. Chamblee, Senter's Drug Store, Carrboro
Member Town Board of Alderman; Mayor Pro-Tem

Joseph A. Creech, Jr., Creech Drug Company, Selma
Selma Town Council; PTA President, Selma Elementary School; Budget Director, Selma Baptist Church

Jack Dawson, Eckerds Drug, Charlotte
Mayor's Community Drug Action Committee

Rolf N. Ellis, Stanly County Hospital Pharmacy, Albemarle
County Chairman CODAP, Stanly County; Director for local government affairs with Jaycees

James H. Freeman, Dublin Drug Company, Dublin
Mayor; Member, Bladen County Comprehensive Health Planning Committee; Member, Executive Committee Bladen County Planning Board; Charter President, Dublin Lions Club; Zone Chairman, Zone 7, Region 4, District 31-F Lions

Wade A. Gilliam, Andrews-Summit Pharmacy, Winston-Salem
Member of Together House (drug problems); Member of Kiwanis Public & Business Affairs Committee; Member of Kiwanis Boys & Girls Committee

Robert Lee Gordon, Ashworth Rexall Drugs, Cary
Board of Adjustments, Town of Cary; Poppy Chairman, Cary VFW post Marshal & Surgeon, N. C. Society War of 1812; Quartermaster, Sons of Confederate Veterans; Cary Industrial Development Corporation (Board of Govs.)

Howell N. Guion, Guion's Drug Store, Marshville
Chairman, Union County Board of Health

Frank M. Hemingway, Bethel Pharmacy, Bethel
Councilman for the Town of Bethel; Bethel School District Advisory Committee (School Board)

John T. Henley, Clinic Pharmacy, Hope Mills
Member, N. C. General Assembly

Sam Jenkins, Jenkins Drug Store, Walstonburg
Mayor of Walstonburg; Member, Greene County Board of Health; President, Walstonburg Lions Club

Henry A. Leigh, Center Pharmacy, Cullowhee
Director, Mountain Ramparts Inc.

Fred W. Lowry, Lowry Drug Company, Statesville
Chairman, Iredell County Board of Health

William M. Oakley, Craven County Hospital Pharmacy, New Bern
Hospital Co-ordinator; Craven County Civil Defense Program; Chairman, Drug Abuse Committee of New Bern Jaycees

J. M. (Johnny) Pinix, III, Pinnix Drug Store, Kernersville
Board of Aldermen (Mayor Pro-Tem); Director, Kernersville Chamber of Commerce

Jefferson Franklin (J. Frank) Pickard, Sr., Pickard Pharmacy, Greensboro
Chairman, Guilford County Board of Health; Commissioner, Model City Commission (High Point)

William P. Powell, Community Medical Center Pharmacy, Mars Hill
Mayor of Mars Hill; Board of Directors, Madison Buncombe Opportunity Corporation

Irvin J. Pruett, Talton Rexall Drugs, Angier
Member, Executive Board Harnett County Council on Alcohol & Drug Abuse

(Continued on Page 21)

summer deal starts July 1st includes 4oz. and 7oz. sizes

Again this summer you can stock up on Robitussin and Robitussin-DM at special low deal prices. Last year, drug store sales of these two cough preparations increased 8%, while the market was up only 1%. These increases were recorded in chains and in small, medium, and large independents. Robitussin and Robitussin-DM alone now hold a big 10% share of this $100,000,000 market. They are also the most heavily prescribed cough syrups sold OTC with over 2 million scripts filled annually. In fact, Robitussin is the only OTC cough medicine among the 200 most prescribed drugs. In spite of all this Rx volume, some 71% of all Robitussin and Robitussin-DM business is OTC. Stock up heavy on these two leading cough preparations while they're on deal by ordering more of the 4-ounce and a good supply of the 7-ounce size. And don't overlook Robitussin®-PE. It's moving up fast in scripts and OTC sales.

You know these products are going to move off the shelf, so give them the facings they have earned. Your Robins Representative will be around to see you soon. Buy 'em while it's hot for extra fall and winter profits.

Stock up on the best sellers and put your facings where your profits are!
(Deal runs July 1—August 31)

A H Robins Company, Richmond, Va. 23220 A·H·ROBINS

PARKER'S CELEBRATING EXPANSION

Grand opening of the newly expanded Parker's Drug Store of Murphy was observed in early summer. Display space is now double what the pharmacy had prior to the remodeling and expansion program.

The pharmacy, established in 1911 by the late R. S. Parker, is now owned and operated by Mr. Parker's son, James, and Pharmacist Ken Godfrey.

BEROW PROMOTED BY ABBOTT

Mr. S. William Berow, Vice President, Marketing, Pharmaceutical Products Division, Abbott Laboratories, has announced the promotion of Mr. James H. Reavis to the position of Director of Product Management, Pharmaceutical Products Division.

After joining Abbott in September of 1968 as a product manager, Mr. Reavis was promoted to Senior Product Manager in 1970. A graduate of High Point College in High Point, North Carolina, Mr. Reavis was associated with Geigy Pharmaceuticals for ten years in various sales and marketing positions before coming to Abbott.

Mr. Reavis and his wife, Marte, and their three children live in Libertyville, Ill., where he is active as an Elder in the First Presbyterian Church.

PHARMACISTS IN PUBLIC LIFE

(Continued from Page 19)

Albert P. Rachide, New River Pharmacy, Jacksonville
Chairman, Onslow County Board of Health; Director, Onslow County Economic Development Commission

Harold C. Rich, Garland Drug Company, Garland
Mayor of Garland; Member, Sampson County Draft Board; Chairman, Local School Advisory Board

Evelyn Salter Sewell, 2103 Mulberry St., Beaufort
Member, Beaufort Planning Commission

William A. Simmons, Revco Discount Drug Center, Winston-Salem
President, Forsyth Cancer Service

Roger H. Sloop, Warren's Drug Store, Rural Hall
Member, Governors Comprehensive Health Planning Council; Member, Medical Manpower Technical Advisory Committee

John T. Stevenson, Overman & Stevenson, Elizabeth City
Member Pasquatank-Canden-Perquimans-Chowan Board of Health

W. H. Wilson, Hayes-Barton Pharmacy, Raleigh
Member, Wake County Board of Health; Treasurer, N. C. Association of Professions; Sec.-Treas., N. C. Pharmacy Political Action Committee; Vice-President, Raleigh Merchants Bureau; Director, Raleigh Chamber of Commerce

Leo H. Carter, Mann's Drug Store, Asheboro
Member of Redevelopment Committee

John C. Hood, Jr., Hood's Rexall Drugs, Kinston
Member Lenoir County Board of Health

Mrs. Nancy Pike Mitchener, Mitchener's Pharmacy, Edenton
Chairman of Women's Club Home Life Committee

Louie L. Rouse, 1017 Arsenal Avenue, Fayetteville
Member Fayetteville City Board of Education

J. Marshall Sasser, Medical Center Pharmacy, Smithfield
Member State Board of Directors, N. C. Division, American Cancer Society Treasurer, North Carolina Family Life Council

Joseph P. Tunstall, Tayloe Drug Company, Washington
Member, Salvation Army Advisory Board, American Cancer Society Advisory Board, Beaufort County Board of Health

William T. Williams, Community General Hospital, Thomasville
Member, Board of Directors, Davidson County Mental Health Association

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CHARLOTTE, NORTH CAROLINA
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NARD LAUNCHES PROGRAM TO ENCOURAGE STUDENTS TO BECOME INDEPENDENT RETAIL PHARMACISTS TO FILL ESSENTIAL COMMUNITY HEALTH NEEDS

A national association representing the nation's community pharmacists is launching a program to encourage more young men and women to become independent community pharmacists.

Willard B. Simmons, executive secretary of the National Association of Retail Druggists, predicted in an address before the 93rd Annual Meeting of the Pharmaceutical Society of the State of New York here today that, as the result of a new program, any community, town, or shopping center which does not now have an adequate independent pharmacy, should have a fully equipped independent drugstore in the future.

The pharmacy industry leader also pointed out during the meeting that prescription costs declined 10 per cent in the past decade. He said pharmaceutical manufacturers and retail pharmacists alike deserve credit for this remarkable achievement during a period when other health care costs and the cost of virtually all goods and services have risen astronomically.

Simmons explained that the plan for increasing pharmacy student interest in retail pharmacy would begin with a symposium involving key retail pharmacists, pharmaceutical manufacturers, wholesalers, and educators.

"We hope to spend several days analyzing all possibilities of helping and encouraging young men and women to become independent community pharmacists," he explained. "From this experience we intend to take our case right to the pharmacy students themselves."

The secretary said the NARD would hold symposiums for pharmacy students. "We will tell students how and why they should consider pharmacy ownership. We will tell them of the opportunities but we will also tell them of the risks."

During the talk Simmons commended colleges of pharmacy which now have good instructional programs in business administration, but encouraged other colleges to give serious consideration to increasing their emphasis on business administration and management so that graduates would be more able to own and manage independent drugstores successfully.

He said the NARD, which represents some 36,000 of the nation's drugstores, would cooperate with schools and colleges in the expansion of courses in pharmacy management and administration.

"It is our determination to help perpetuate the independent retail drugstore," he added. "We know that such a course is in the best interest of the people of America because independent drugstores fill an essential community health need. Independent drugstores and other small businesses are also vital to the free enterprise system which has done so much to make America the great country it is today."

B. C. REMEDY MOVES TO MEMPHIS

The 61-year-old B. C. Remedy Company of Durham has been moved to Memphis, Tenn.

The company was sold to Block Drug Company in 1967 and since that time the BC products as well as Nytol Tablets have been manufactured in Durham. An attempt to integrate the Durham operation into the Block Drug manufacturing and distribution system failed.

The 100 Durham BC employees have been given an opportunity to relocate in similar jobs in the Memphis plant.

LANIER BUYS E. R. THOMAS DRUG COMPANY

The E. R. Thomas Drug Company of Erwin has been purchased by Billy Lanier, a pharmacist employee of the firm for several years.

Lanier is a graduate of the UNC School of Pharmacy and a native of Harnett County.

The late E. R. Thomas established the store in the early part of the century and in recent years has been owned by Mr. and Mrs. Fred S. Thomas and managed by Pharmacist L. Jackson.

EMPLOYER/EMPLOYEE RELATIONS COMMITTEE N. C. PHARMACEUTICAL ASSOCIATION

Eugene W. Hackney, *Chairman*
Hedgpeth Pharmacy
P. O. Box 1085
Lumberton, N. C. 28358

COMMITTEE ASSIGNMENTS

A. DUTIES OF THE STAFF PHARMACIST

M. Winston Burroughs, 360 E. Connecticut Avenue, Southern Pines, N. C. 28387
Fred J. Rachide, 1909 Glenwick Drive, Fayetteville, N. C. 28304

B. SALARIES AND SCHEDULES

Marion M. Edmonds, Edmonds Drug Company, P. O. Box 6105, Greensboro, N. C. 27405
Donald V. Peterson, Route 8, Box 400-B, Durham, N. C. 27704

C. FRINGE BENEFITS POLICIES

John H. Rosser, 5426 Gwynne Avenue, Amity Gardens, Charlotte, N. C. 28205
David Work, U.N.C. School of Pharmacy, Chapel Hill, N. C. 27514

D. INTRA-PROFESSIONAL RELATIONS

Donald Deaton, 723 Corn Tassel Trail, Martinsville, Va. 24112
W. M. Oakley, Pharmacy, Craven County Hospital, New Bern, N. C. 28560

E. PROCEDURES FOR HIRING PROFESSIONAL PERSONNEL

John A. Dawson, Jr., 1201 Meadowood Lane, Charlotte, N. C. 28211
C. L. Futrell, P. O. Box 41, Cary, N. C. 27511

Two NCPhA-Endorsed Insurance Plans Which Merit Member Participation

DISABILITY INCOME PROGRAM

BASIC PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Two Years

EXTENDED PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Five Years

MAJOR MEDICAL EXPENSE PLAN

PLAN I: $12,000 Maximum Benefit including $16 Daily Room Limit
PLAN II: $18,000 Maximum Benefit including $24 Daily Room Limit

FOR DETAILS WRITE OR TELEPHONE

HOYT W. SHORE, C.L.U. and ASSOCIATES
205 South Church Street—Suite 303
Charlotte 2, North Carolina
Telephone: 333-1393

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INSURANCE COMPANY
EVANSTON, ILLINOIS

THIRD PARTY Rx PAY PROGRAMS

Since Third Party Rx Pay Programs now represent a significant percentage of total Rx volume and these programs continue to increase, the NCPhA recommends that interested pharmacists obtain copies direct from the various underwriters (see list below) for review. While some of the contracts/agreements have deficiencies, we note a steady improvement by the underwriters as a result of experience (some of the programs are now in their 2nd and 3rd year). The NCPhA has representation (Dr. David Work of Chapel Hill) on the National Pharmacy Insurance Council—the organization working toward uniformity and acceptable practices in the various Rx contracts/agreements.

As an example of the growth of the programs, the MediMET Rx Drug Plan covers employees and eligible dependents of (1) The Goodyear Tire & Rubber Company, (2) The Kelly-Springfield Tire Company, and (3) The Lee Tire & Rubber Company. Auto workers and others are covered by the Paid Rxs Plan and Pharmaceutical Card System is processing (paying) agent for various insurance and industrial firms.

Since most contracts/agreements generally involve uniform fees, participation is elective on the part of each individual pharmacist. The NCPhA cannot legally recommend the adoption of any plan—this is a decision for each pharmacist—but the Association can inform its members of the various programs now available on an optional basis.

1. The Civilian Health & Medical Program of the Uniformed Services (CHAMPUS)
   Manager, CHAMPUS
   N. C. Blue Cross & Blue Shield, Inc.
   400 West Franklin Street
   Chapel Hill, N. C. 27514

2. Pharmaceutical Card System, Inc.
   Pharmaceutical Card System, Inc.
   P. O. Box 678
   Phoenix, Arizona 85001

3. Metropolitan Life (MediMET Rx Drug Plan)
   Mr. L. J. McNamara, Vice-President
   Group Insurance—Claims
   Metropolitan Life
   One Madison Avenue
   New York, N. Y. 10010

4. Veterans Administration Pharmacy Service Program
   Veterans Administration
   Regional Office
   Winston-Salem, N. C.

5. Paid Prescriptions
   Paid Prescriptions
   124 Gregory Avenue
   Passaic, New Jersey 07055

6. Vocational Rehabilitation Pharmacy Service Program
   Department of Public Instruction
   Division of Vocational Rehabilitation
   Raleigh, North Carolina 27602

7. Title XIX (Medicaid) Rx Program
   Mr. Frank Yarborough, Pharmacist Consultant
   N. C. Department of Social Services
   P. O. Box 2599
   Raleigh, N. C. 27602

In August Issue, Carolina Journal of Pharmacy: Legislative Report and Details of Pharmacist of the Year Dinner in Mocksville on July 14.

DEAN HAGER ATTENDS AIR FORCE PHARMACY MEETING

Dean George P. Hager of the UNC School of Pharmacy was a recent visitor to Brooks Air Force Base, Texas for the U.S. Air Force Pharmacy Officer Seminar. Over 50 pharmacists from this country and abroad attended the three day meeting.

Dr. Hager is consultant in pharmacy to the Surgeon General of the U.S. Air Force. During his visit to Brooks, he spoke to the group about new trends in pharmacy and post graduate education opportunities.

Two former UNC School of Pharmacy grads also attended the Seminar. Lt. James R. Clark, Jr., class of 1969, is presently stationed at K. I. Sawyer A.F.B., Michigan and Charles W. Rose, class of 1970, is assigned to the Wilford Hall USAF Hospital, Lackland A.F.B., Texas. Clark is the son of Mr. and Mrs. James R. Clark of Camp Hill, Pennsylvania and Rose's parents are Mr. and Mrs. J. R. Rose of Reidsville, N. C.

Dean Hager was accompanied on his trip by Assistant Professor Leonard Berlow.

Officers of the student branch of the NCPhA/APhA at the UNC School of Pharmacy for 1971-72 are, left to right, front row: Keith Elmore, President; Steve Critz, Vice-President; Miss Carol E. Craven, Secretary; and Howard Duckworth, Jr., Member of Executive Committee.

Top, left to right: Mike Felts, Assistant to the President; W. Whitaker Moose, NCPhA Executive Committee Representative to the Student Branch; and Steve Byrd, Member of Executive Committee.

UNC Pharmacy School Notes

DEANS LIST OF STUDENTS ON THE HONOR ROLL IN SCHOOL OF PHARMACY, UNC, FOR THE 1971 SPRING SEMESTER

SENIORS (5/5)

David Lee Barker, Chapel Hill; Stephen Ray Carswell, Kernersville; James Michael Clark, Eden; Frank Burton Dean, Laurinburg; Sharon Eileen Fisher, Salisbury; and Virginia Anne Frazier, Chapel Hill.

Barbara Jean Garrison, Pinehurst; Catherine Patricia Giddings, Raleigh; William Glenn Girtman, Sparta; Mary Frances Goodrich, Stedman; Robert Benjamin Greenwood, Cary; and Joe Cornelius Hatley, Kannapolis.

Elaine Alice Hatsell, Beaufort; Betty Strickland Heard, Carrboro; Gail Lee Henry, Charlotte; Susan Wray Jenkins, Durham; Judy Sharon Jordan, Kannapolis; and Charles F. Killian, Lincolnton.

Mickey Lynn League, N. Wilkesboro; Sarah Jo Lohr, Lexington; Walda Parker Mathias, Burlington; Phillip Dee Minton, Lincolnton; Jesse Miller Pike, Jr., Carrboro; and Linda Jean Propst, Morganton.

Mary Dysart Ramsey, Marion; Bonita Faire Reynolds, Reidsville; William Warren Richards, Wallace; Leon James Sandlin, Jr., Fayetteville; Barbara Ann Sapp, Raleigh; and Henry Zack Smith, Lumberton.

Michael Henry Sperling, Plainfield, New Jersey; Grady Mitchell Stone, King; Armie Rowland Strickland, Middlesex; James Keith Williams, Benson; Steven Lynn Woodard, Hazelwood; and Danny Joe Yates, Kenly.

JUNIORS (4/5)

Mildred Morton Archer, Albemarle; Betty Hill Dennis, Newport; Stephen Leoford Farley, Brevard; James Ruffin Gurganus, Jacksonville; Arthur Wayne Pittman, Greensboro; Rita Kay Proctor, Lincolnton; Donald Lee Rigdon, Brevard; Arthur Belknap Straughn, Chapel Hill; and Louis Edward Thompson, Macon.

SOPHOMORES (3/5)

Joseph Fraderick Bennes, Asheville; Jean Carolyn Benson, Angier; Ruth Ellen Bivens, Charlotte; Kathryn Ann Bowen, Harrels; Darlene Wilma Bryan, Wilmington; Desiree Anice Carlson, St. Paul, Minnesota; John Gregory Cranford, Greensboro; Leslie Hill Davis, Charlotte; Perry Panos Diamaduros, Charlotte; Margaret Vell Freeman, Louisburg; and Oren Jerry Hill, Jr., Concord.

Ralph Borden Hunter, Beulaville, Stephen Lee Koontz, Lexington; Lucille Virginia Lee, Raleigh; Oscar Nathan McCollum, Reidsville; William Theron Sawyer, Norfolk, Virginia; Cynthia Louise Shook, Hickory; Mavourneen Stallings, Windsor; Robert Kenneth Updegrave, Raleigh; Gregory Louis Verhulst, Bethesda, Maryland; and Glenn Wiley Walker, Warren, Texas.

FRESHMEN (2/5)

Ollie Thurston Adcock, Jr., Fuquay-Varina; Martha Frances Anderson, Wilson; Martha Jean Gabriel, Greensboro; Billie Katherine Griffin, Williamston; Sandra Grace Hardee, Grifton; Wanda Kelly Henke, Apex; Alvin Phillips Jenkins, W. Jefferson; and Sharon Elaine Lail, Conover.

Ann Dick Martin, Greensboro; Marilyn Ruth McIntosh, Basking Ridge, New Jersey; Sandra Norris Nance, Bladenboro; Robert Terrell Pace, East Flat Rock; Charles Edward Perkins, Roxboro; Linda Kay Slate, Clemmons; Pamela Jean Upchurch, Morrisville; and Keith Harrison Wright, Chapel Hill.

NORTH CAROLINA PHARMACEUTICAL RESEARCH FOUNDATION

Report on the 1970-71 Fund Drive

by George P. Hager, *Secretary*

The 1970-1971 fund drive has been one of the most successful in the Foundation's history. The outstanding success of the drive is attributable to the contributions made by individual pharmacists. They have set a new record this year. This year's results were far better in every category than the 1969-70 results; and, with the exception of contributions from companies (amount), they were considerably better than the average of the last four years (for which all of the comparable data are readily available).

The *number of individual contributions*, 467, must be an all-time high (up 16.2% over the four-year average).

The *total amount contributed by individuals*, $12,242, is also a record (up 64.0% over the four-year average). Note, also, that, even without the out-of-state contributions (one of them for $2,500), the contributions from North Carolina pharmacists, $9,732, is considerably above the four-year average.

Contributions from companies and organizations, $8,600, exceeds the contributions from these sources in 1966-1967 and 1969-1970 but was down 10.9% below the four-year average.

Total contributions, $20,842, were up 21.8% over the four-year average but less than the total contributions received in 1968-1969 (when the contributions from companies were exceptionally high).

It is particularly gratifying to note that the *average individual contribution*, $26.21 (or $20.93 exclusive of out-of-state contributions) exceeded the average contributions in each of the four preceding years and was up 41.2% over the four-year average.

CONTRIBUTIONS BY COUNTIES.—Contributions were received from 73 counties (compared to 76 in 1969-70, 67 in 1968-69, and 69 in 1967-68). This includes 10 counties which had no solicitation chairmen. No contributions were received from 13 counties which lacked solicitation chairmen. On the other hand, no contributions were received from 9 counties that *had* one or more solicitation chairmen.

Fifty-six counties contributed as much as or more than they contributed last year (compared to 51 in 1969-70, 46 in 1968-69, and 40 in 1967-68). These counties are indicated by an asterisk in Table II. Twenty-six counties contributed less in 1970-71 than in 1969-70.

Twenty-nine counties reached or exceeded the goal of *$10.00 per pharmacy average contribution* as indicated in Table II by italics. This is a substantial increase over previous years: 21 counties reached this goal in 1969-70; 22, in 1968-69; and 23, in 1967-68.

Swain	50.00	Bertie	15.00
Randolph	43.33	Hertford	15.00
Orange	41.73	Onslow	15.00
Davie	40.00	Cleveland	13.53
Lenoir	34.72	Warren	13.33
Chowan	33.33	Montgomery	13.13
Martin	32.00	Watauga	12.86
Caswell	30.00	Alamance	12.78
Alexander	23.75	Guilford	11.59
Dare	20.00	Wake	11.57
Vance	17.92	Sampson	11.36
Mitchell	17.50	Carteret	11.25
Madison	16.67	Halifax	11.11
Harnett	16.25	Avery	10.00
Wilkes	15.71		

The largest *total contributions* were received from the following counties from which $200 or more were received:

Guilford	$911	Alamance	$345
Wake	$706	Gaston	$300
Randolph	$650	Mecklenburg	$280
Lenoir	$625	Cleveland	$230
Orange	$543	Vance	$215
Forsyth	$390	Halifax	$200

CONTRIBUTIONS BY PHARMACIES.—Although the goal was $10.00 per pharmacy average contribution, the *actual* average was $8.01 per pharmacy on a State-wide basis (compared to $5.98 in 1969-70, $7.32 in 1968-69, and $6.23 in 1967-68). As indicated above, the goal was reached or exceeded in 29 counties.

CONTRIBUTIONS BY PHARMACISTS.—The average contribution per pharmacist in active practice in North Carolina (1,979) was $4.92 (compared to $3.53 in 1969-70, $4.47 in 1968-69, and $3.74 in 1967-68).

The average contribution made by individual pharmacists was $20.93 (compared to $17.20 in 1969-70, $19.03 in 1968-69, and $19.97 in 1967-68).

Contributions of $25.00 or more were received from *167* pharmacists (35.8% of all individual contributions). The number of contributions of this magnitude received in 1969-70 was *113*; in 1968-69, *119*; in 1967-68, *119*; and in 1966-67, *86*.

The number of contributions from individuals, 467, is the highest number in the last five years (417 in 1969-70, 440 in 1968-69, 351 in 1967-68, and 401 in 1966-67). Contributions were received from 465 pharmacists in North Carolina representing 23.5% of the pharmacists in active practice. It is earnestly hoped that the School of Pharmacy—through its services to the pharmacists in North Carolina—will merit this kind of support from an increasing proportion of the pharmacists in the State. It is also earnestly hoped that—through the efforts of the officers and directors of the Foundation and the county solicitation chairmen—contributions from an increasing proportion will be successfully solicited.

CONTRIBUTIONS FROM COMPANIES AND ORGANIZATIONS.—Although there was an increase in the number of contributions (18) over the average of the last four years (+12.5%), the amount of the contributions ($8,600) is down 10.9% below the average of the last four years. The following companies contributed to the Foundation in 1970-71:

American Home Products (2 contributions)
Bennett-Lewallen Corporation
Burroughs Wellcome and Company (2 contributions)
Chattem Drug and Chemical Company
Ethel M. Looram Foundation
Geigh Pharmaceuticals
Hoffmann-La Roche Foundation
Justice Drug Company
Kendall Drug Company
Knoll Pharmaceutical Company
North Carolina Mutual Wholesale Drug Company
North Carolina National Bank
Owens, Minor and Bodeker
Revco Drug Stores, Inc.
A. H. Robins Company
Syntex Laboratories

(Concluded on Page 30)

ABBOTT RESUMES PRODUCTION OF INTRAVENOUS SOLUTIONS AT ROCKY MOUNT PLANT

Abbott Laboratories has announced the resumption of full production of intravenous solutions at its Rocky Mount, N. C., plant and its reentry into the solutions market.

The announcement was made by E. J. Ledder, President, after the Food and Drug Administration completed its tests of production at the Rocky Mount plant. Production at this plant for inventory has continued since completion of qualifying runs in early May. These inventories will now move into distribution centers to meet priority medical needs.

"Abbott's ability to supply these vital solutions will now begin to relieve the shortage that many hospitals around the nation have faced in the past few weeks," Mr. Ledder said.

Qualifying runs at the company's North Chicago plant have been completed. After evaluation by Abbott and the FDA of North Chicago production, Abbott will maintain full production of intravenous solutions at both its plants.

Abbott is reentering the market with a rubber-stopper closure and new equipment for administering intravenous solutions developed under an agreement with Cutter Laboratories. Under this agreement, Abbott also is producing solutions for Cutter at the Rocky Mount plant.

N. C. PHARMACEUTICAL RESEARCH FOUNDATION

(Continued from page 29)

FOUNDATION SUPPORT OF THE SCHOOL OF PHARMACY.—All records of the 1970-71 transactions are not yet fully available; however, a tentative accounting of the expenditures will indicate the excellent support given to the School of Pharmacy by the Foundation:

Faculty professional expenses, including travel	$ 8,953
Student and faculty research	1,094
Visiting lecturers	552
Library	2,429
Equipment	29
Student activities	1,656
Undergraduate instruction	444
Recruitment brochures and teaching materials	994
Continuing education	360
Scholarships, fellowships, and loans	5,475
National Medical Board Examinations (pharmacology)	1,042
Miscellaneous	1,469
Administrative expenses	1,829
TOTAL	$26,327

ACKNOWLEDGMENT.—The Secretary of the Foundation is most grateful for the support of the work of the Foundation by the Directors and by the solicitation chairmen in the counties. The excellent results of the 1970-71 fund drive clearly reflects the effectiveness of their efforts. Their cooperation is a most gratifying demonstration of their interest in the School of Pharmacy and their determination to support the School.

Particular gratitude is also due Mr. Claude U. Paoloni, Mrs. Nelle Barbour, and Mr. Leroy D. Werley who have rendered diligent assistance to the Secretary during the past year in the increasing work for the Foundation that is carried out at the School. The Secretary is sincerely grateful also to the North Carolina Pharmaceutical Association and to Mr. W. J. Smith for the support that was essential for the success of the fund drive.

Finally, gratitude to every contributor to the Foundation must also be expressed. Through their contributions they do much more for the School of Pharmacy, its faculty and students, than they can possibly realize. Of greatest value, perhaps, is their interest in the School as demonstrated in a tangible way by their contributions to the Foundation.

BIRTHS

Mr. and Mrs. James B. Culbertson announce the birth of a second child, Kenneth David, June 4, at Northern Westchester Hospital in Mt. Kisco, New York.

Mr. Culbertson is with Wyeth Laboratories and was recently transferred from Miami, Florida, to Yorktown Heights, New York.

MARRIAGES

David Eugene Keever and *Barbara Ann Willis* were married June 12 in Lincolnton. Both are graduates of the UNC School of Pharmacy. He is vice president of Lincoln Drugs; she was until her marriage a pharmacist at Presbyterian Hospital of Charlotte.

Miss Gail Lee Henry, a 1971 graduate of UNC School of Pharmacy, and Humphrey Gray Hutchinson, Jr. were married June 6th at Charlotte. The Hutchinsons will live in Chapel Hill where the groom is a student at the UNC Law School.

Miss Linda Wise and *Richard Rains* were married May 29 in Kenly, in the gardens of the bridegroom's parents. Mr. Rains, a 1970 graduate of UNC School of Pharmacy, is with Thorne Drug Company of Tarboro.

Gary M. Hartley, 1971 graduate of UNC School of Pharmacy, was married June 6 to Miss Brenda Kay Pritchard of Lenoir. Mr. Hartley is associated with People's Drug of that city.

Miss Sallie Ann Brooks, 1971 graduate of UNC School of Pharmacy, and *Billy Ray Womack*, fourth year student at the same school, were married June 6 at Sanford. Mrs. Brooks is associated with Mann's Drug Store of Sanford.

Miss Myra Joy Wilson of Wilmington was married June 5 to Thomas Southerland of Raleigh. The bride who was graduated with the 1971 class of UNC School of Pharmacy will be with Harris Drug Company in Charlotte. Her husband is with First Union National Bank of that city.

Miss Barbara Jean Garrison, 1971 UNC School of Pharmacy graduate, and employee of Moore Memorial Hospital of Pinehurst, was married May 22 to Ronald Thomas Currie. Mr. Currie is a student at Community College of Southern Pines.

Peter Steven Bieber, 1969 graduate of the UNC School of Pharmacy, and Carolyn Ruth McLean of Albemarle were married June 13th. The bride is a cum laude graduate of University of North Carolina at Greensboro. Mr. Bieber is presently employed by Mann Drugs.

Miss June Brown of Charlotte and *G. Clark Russell*, pharmacist manager of Hoskins Drug Company, Charlotte, were married March 13. The bride has been employed as a secretary in the Charlotte area. Mr. Russell, a 1952 graduate of the UNC School of Pharmacy, was associated with pharmacies in Greensboro and Boone prior to moving to Charlotte.

Miss Jane Lee Vann was married June 20 to *Armie Rowland Strickland, Jr.* of Middlesex. Mr. Strickland is a 1971 graduate of the UNC School of Pharmacy. The couple will live in Stantonsburg.

1971 UNC School of Pharmacy graduate *Robert Benjamin Greenwood* was married May 29th to Miss Diane Marie Ferenczi. The Greenwoods will reside in Durham where he is employed at Duke Hospital.

DEATHS

ALDEN HOBBS

Alden Hobbs, 65, co-owner of Kinston Clinic Pharmacy, died June 19. Native of Rockingham County and a graduate of the UNC School of Pharmacy, he was associated in his early years with J. E. Hood Drug Company of Kinston. He then went with the Upjohn Company and represented them for many years in Eastern North Carolina.

Upon his retirement from this position, he assumed prescription management and buying for the Standard Drug Stores. He later became associated with Kinston Clinic Pharmacy and in more recent years became co-owner.

His wife, the former Martha Ann Smith, survives, as do two daughters and one son.

RUFUS S. HAIRSTON

Rufus S. Hairston, 77, retired owner and operator of Rufus Hairston Drug Store of Winston-Salem, died June 17 at Reynolds Memorial Hospital of that city.

MILTON ALVIN MOORE

Milton Alvin Moore, 67, died June 16 in Edgecombe General Hospital, Tarboro, following a lingering illness.

SERVED WITH THE DESERT FOX

Wilhelm Franz Elbert, an employee of Raleigh's Hayes Barton Pharmacy for the past 16 years, was the subject of a feature story in the July 4 issue of the Raleigh News and Observer.

Highlight of the story centered on Elbert's association with Field Marshall Rommel during the height of the African campaign. Elbert, now 53, had a distinguished war record in the German Army during WW II.

While studying pharmacy in Germany, Elbert became friends with Bill Scarboro of Raleigh who sponsored his immigration to the United States.

HEARING AID CENTER OPENED IN SPRUCE PINE PHARMACY

Jimmy Biggerstaff, an employee of Spruce Pine Pharmacy for the past seven years, has opened the Spruce Pine Hearing Aid Center. The Center is located on the balcony of the Pharmacy formerly occupied by Dr. Peterson.

Mr. Biggerstaff completed training at the Charlotte Hearing Aid Center and is licensed by the North Carolina State Hearing Aid Dealers and Fitting Board.

A. SHAKOOR ADAM JOINS A. H. ROBINS

A. Shakoor Adam has joined A. H. Robins Company, Richmond-based pharmaceutical firm, as a medical service representative.

Adam, who holds a Master of Science degree from the University of Karachi, has been assigned to the company's Carolina Division and will be working in the Raleigh area.

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On request, A representative of the I. C. System will explain the collection program in detail.

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GRAND OPENING

Grand opening of Boulevard Drug, Leaksville, in late June featured an eight foot clown and other crowd-attracting devices.

The pharmacy is owned and managed by Alvis Kallam and Gary Roberson.

NEW MEMBERS OF THE NCPhA

Roger W. Efird, Siler City
John Calvin Weir, Hickory
Thomas Cecil McCall, Charlotte
Mary Franklin Petty, Greensboro
Lawrence L. Seigler, Durham
Joe D. Gardner, Cary
Forrest Schell McCall, Burnsville
Jackie G. Fender, Mocksville
Neil L. Horwitz, Alexandria, Va.
William E. McKeller, Jr., Greenville
James F. Maner, Jr., Williamston
B. Wayne Pollard, Portsmouth, Va.
Richard H. Rains, Tarboro
Charles D. Rice, Reidsville
George Harry Themides, Charlotte
Barry L. Carpenter, Troy
Stephen G. Honaker, Sr., Winston-Salem
Larry N. Marlin, Statesville
William P. Deans, Wilson
Clyde Buchanan, Durham
Mary Katherine Phillips Poole, Winston-Salem

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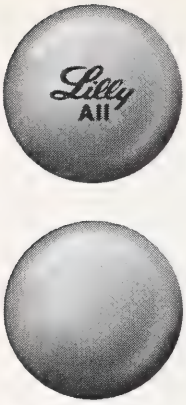
The Carolina JOURNAL OF PHARMACY

Volume LII Aug. 1971 Number 8

Robert Buckner Hall (left) of Mocksville, named Pharmacist-of-the-Year by the North Carolina Pharmaceutical Association, is shown with B. Cade Brooks of Fayetteville, NCPhA Past-President, who presented the Association's Mortar-and-Pestle Award Plaque to Mr. Hall for distinguished service in the fields of Pharmacy, Public Health, Education, and Welfare. More than 200 attended the plaque presentation dinner which was held in Mocksville. NCPhA President John C. Hood, Jr. of Kinston, presided. —Photo by Davie County Enterprise & Record.

Program Participants at the Pharmacist of the Year Dinner in Mocksville honoring Robert B. Hall included, left to right, B. Cade Brooks, Immediate Past President of the NCPhA, Mocksville Mayor D. J. Mando; John C. Hood, NCPhA President and Presiding Officer; Robert B. Hall, W. Dorsey Welch who outlined Hall's Contributions to the Association, and George P. Hager, Dean of the UNC School of Pharmacy, who discussed Hall's Contributions to the University of North Carolina. —Photo By Colorcraft



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The Carolina JOURNAL OF PHARMACY

August, 1971

Vol. LII No. 8

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ELECTED DIRECTORS OF NCPRF

B. Cade Brooks of Fayetteville and S. T. Forrest of Greensboro have been elected directors of the North Carolina Pharmaceutical Research Foundation for terms to 1976.

There are 24 directors of NCPRF, part elected by the NCPhA and part by the directors. George P. Hager, Dean of the UNC School of Pharmacy, is secretary of the Foundation.

The annual meeting of NCPRF is set for Chapel Hill, September 23.

BLUE BOOK TO PROVIDE ASSISTANCE DRUG ABUSE INFORMATION PROGRAMS

The 1971 American Druggist "Blue Book" to be distributed this Fall will include a special 32-page supplement to assist pharmacists in focusing public attention on drug abuse.

SLOOP NAMED TO STATE COMMITTEE

Roger Sloop, co-owner of Warren Drug Company of Rural Hall, was named to the Technical Advisory Committee of the State of North Carolina. Announcement was made at the June meeting of the Governor's Health Planning Council.

In this assignment, Mr. Sloop, along with other members of the committee, will be studying ways of overcoming and improving shortages existing in facilities, manpower and doctors for the betterment of the health of people of this state. The results of this continuous study underway will be forwarded to the Governor and to the General Assembly.

BAKER, CHAIRMAN-ELECT, PMA PHARMACY RELATIONS COMMITTEE

Clealand F. Baker, Manager-Corporate Planning for Burroughs Wellcome Company, has been appointed chairman-elect of the newly created Pharmacy Relations Committee of the Pharmaceutical Manufacturers Association.

The overall goal of this committee is to expand and better coordinate communications and cooperation with all sections of pharmacy. The committee is composed of professional and trade relations executives from member firms of PMA.

Mr. Baker joined BW Company in 1941 as a sales representative and has since served as district sales manager, assistant advertising manager, advertising manager, and manager of marketing and advertising division prior to his present appointment.

JOWDY TO HEAD APS SECTION

Albert W. Jowdy, professor and head of the Department of Pharmacy administration at the University of Georgia, has been elevated to the Chairmanship of the Economic and Administrative Science Section of the Academy of Pharmaceutical Sciences. In this capacity Dr. Jowdy heads one of the six sections of the national body of Pharmaceutical Scientists.

Prior to moving to the University of Georgia, Dr. Jowdy served as associate professor of pharmacy administration at the University of North Carolina at Chapel Hill.

He is the son of Mrs. Albert W. Jowdy of New Bern.

JULY DISASTERS

1. Thieves hit Yadkin Pharmacy of Albemarle for more than $1,500 in cash, drugs and miscellaneous merchandise. A rear door was forced.
2. Wilmington's Seashore Drugs on Carolina Beach Road lost a quantity of drugs along with $150 in cash taken in a robbery at the pharmacy.
3. Two watches and a camera, valued at $91.00, were stolen from Dayvault Drug Store in Lenoir.
4. About 3000 amphetamine tablets were stolen from Akers Center Pharmacy, Gastonia.

WILMINGTON, NCPhA CONVENTION CITY IN '72

The 92nd Annual Meeting of the North Carolina Pharmaceutical Association will be held in Wilmington, April 16, 17 and 18, 1972. Headquarters will be at Timme Plaza.

The convention dates were set by the Association's executive committee in a meeting at Winston-Salem on July 14.

Reports were received from

(1) W. H. Wilson (Legislation)
(2) Frank Yarborough (Medicaid)
(3) B. Cade Brooks (Institute of Pharmacy—remodeling of auditorium and fall fund drive)
(4) Thomas R. Burgiss (Insurance)
(5) W. Whitaker Moose (Student Branch)

Claude U. Paoloni, Chairman of the Committee on Continuing Education, discussed projects completed and planned for remainder of 1971. Details of Mr. Paoloni's report will be made a part of special mailing to NCPhA members.

Preliminary plans for a series of NCPhA-sponsored district meetings were discussed and the Time & Place Committee will be asked to report to the Executive Committee on suggested convention places for 1973 and 1974.

Dr. David Work (Pharmacist/Attorney) of the UNC School of Pharmacy was commended for his assistance in connection with the 4-months consideration and final passage of the N. C. Controlled Substances Act and the North Carolina Drug Authority.

Nine of the eleven member Executive Committee attended the meeting: John C. Hood, Jr. of Kinston, who presided; B. Cade Brooks of Fayetteville, Thomas R. Burgiss of Sparta, James L. Creech of Smithfield, Donald J. Miller of Morganton, W. Whitaker Moose of Mount Pleasant, W. H. Wilson of Raleigh, Frank Yarborough of Raleigh and W. J. Smith of Chapel Hill.

TO HEAD LIONS

Pharmacist C. M. (Micky) Whitehead has been elected president of the Ramseur Lions Club for the year 1971-72.

A 1967 graduate of the UNC School of Pharmacy, Mr. Whitehead is associated with his father in the operation of Ramseur Pharmacy.

PHARMACY-COMPUTER CONFERENCE ATTENDED BY REGISTRANTS FROM MORE THAN 25 STATES

The July 19-21 Conference on Computer-Based Information Systems in the Practice of Pharmacy was attended by registrants from more than 25 states. Sponsored by the UNC School of Pharmacy with support by the National Pharmaceutical Council, the 3-day conference attracted registrants from a broad spectrum of government, industry and professional fields.

During the three-day conference, which was held in the UNC School of Pharmacy and various University buildings, special attention was focused on methods of increasing pharmacists' productivity by expediting their record-keeping responsibilities, expanding information banks and facilitating application of pharmaceutical knowledge.

The registrants were not only impressed with the calibre of the speakers and the program but Chapel Hill lived up to its customary billing to out-of-staters: The Southern Part of Heaven.

The conference was arranged by UNC Pharmacy School Dean George Hager, with assistance of Paul D. Olejar and others.

Pharmacist wanted to purchase 1/3 interest in 6 year old successful drug store in small town of eastern North Carolina and to co-manage same. Volume in excess of $250,000 per year. Very good opportunity for right person as return on investment has been excellent. Reason for selling—desire to leave field of retail pharmacy. If interested, please contact Box RLSL-8.

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TAR HEEL DIGEST

HAYESVILLE—Mr. and Mrs. Harold E. Lance have opened a new pharmacy, the Town and Country, located on Courthouse Square. Mr. Lance, a native of Georgia, received his degree in pharmacy—and also a B.S. in Agriculture from the University of Georgia. He is an Army veteran, having served three years with the 82nd Airborne Division. Mrs. Lance has a degree in home economics from the University of Georgia.

HENDERSON—White Cross is enlarging distribution facilities, erecting a 105,000 square foot building which doubles the structure in which operations have been carried on.

WILSON—Now in the 45th year of his association with Wilson Drug Company and his 30th year as manager of the firm, Albert Bass has announced his retirement. Stockholders of the company have announced the appointment of Marshall L. Newbern as successor. Mr. Newbern has been with the firm since 1962. Wayne Avery is the new addition to the pharmaceutical staff.

PINK HILL—Brewer Drug Company celebrated its 21st anniversary by awarding prizes to 22 persons.

SPRUCE PINE—Harold V. Day has been named a member of the Board of Directors of the Northside Office of the Northwestern Bank of Spruce Pine.

DALLAS—Nixon and Isenhower made up the winning ticket in the election of officers of the Gastonia Chapter, Fraternal Order of Eagles. Richard Nixon, president of Nixon Drug Company, was elected president and Mike Isenhower was elected chaplain. Pharmacist at Nixon Drug is Mr. Nixon's wife, the former Amanda Horsley.

MORGANTON—C. Brooks Harrell, III has been appointed pharmacist at Grace Hospital. Dan E. Rhodes, who has been serving part-time at the hospital will now devote full time to his pharmacy, the Burke Pharmacy.

ELIZABETH CITY—Howard Garrett of Peoples Drug was elected to the Board of Trustees of Southgate Mall Association.

CLINTON—A. Byron Butler was honored by having an apartment project on Warsaw road named for him. Mr. Butler was a charter member of the Board of Directors of the Eastern Carolina Housing Authority, operators of the project. He served in that capacity for more than 30 years. Mr. Butler was guest of honor at a luncheon which was a part of the dedication activities.

CHAPEL HILL—Maynard Newman, who has been associated with N. C. Memorial Hospital for the past year, will study in London, England, entering school October 6 after a visit to Turkey and the Greek Islands. Mr. Newman, alumnus of UNC, was with the Public Health Service in San Francisco—and with Cone Hospital, Greensboro, before returning to Chapel Hill for work with the hospital.

WILLIAMSTON—Eugene Rice of Davis Pharmacy, after serving for almost 24 years on the Martin County Selective Service Board, has retired from that post.

SHELBY—Ronald Austell has been elected chairman of the Cleveland County Board of Health.

SALUDA—Harry Brogden of Saluda Pharmacy, is chairman of the Saluda Development Committee. Recently he participated in a program featuring stories and tales of Saluda "Then" and "Now." Mr. Brogden, in his "Now" presentation, told of recent developments which include a 60-bed Nursing Home and a new Medical Center with resident physician which opened July 1st.

CANTON—James C. Furness, Jr. of Canton, has joined the staff of N. C. Memorial Hospital in Chapel Hill for two years of residency training in clinical pharmacy.

MT. GILEAD—Thieves entered Cochrane-Ridenhour Drug Company #2 in Mt. Gilead's Shopping Center July 5th through the roof, cutting metal, cement, and insulation. It was reported that a quantity of prescription drugs were taken.

GOES NAMED TO STAFF POSITION AT BURROUGHS WELLCOME GREENVILLE PLANT

James L. Goes has been named a Staff Specialist in the Greenville Production Plant of Burroughs Wellcome Co. it was announced recently.

In this new position Mr. Goes' primary responsibilities will be as a technical staff assistant in the production unit.

For the past four years, Mr. Goes has served as Plant Manager of Burroughs Wellcome de Mexico—a B. W. Co. subsidiary. Prior to that time he served in various capacities including Production Supervisor in the Pharmaceutical Manufacturing and General Packaging Divisions; as a Department Head in the Drug Stock Department; and as a Department Head in the General Packaging Division.

Prior to joining B. W. Co., he worked as a medical representative.

Mr. Goes is a graduate of The Temple University School of Pharmacy in Philadelphia, Pennsylvania.

Burroughs Wellcome Co. manufactures over 80 medicinal products, including analgesics, antihistamines, antihypertensives, cardiovascular drugs, muscle relaxants, and drugs useful in the treatment of diabetes, gout, leukemia, and certain forms of cancer. Its best known product is Empirin Compound. The Company has a branch office and warehouse in Burlingame, California, and subsidiary in Monterrey, Mexico.

SENTER HEADS RESCUE SQUAD

A pharmacist—Lloyd Senter of Carrboro—is chief of the newly established South Orange Rescue Squad, which provides rescue/ambulance service in the Chapel Hill-Carrboro area.

The Squad includes over fifty persons who donate their services and professional knowledge on a 24 hour basis. Minimum requirement for Squad service is 28 hours of detailed instruction.

Currently, the Squad receives an average of two calls daily. No charge is made—support comes from public contributions.

LOVETT HEADS HARNETT ORGANIZATION

Officers of the recently organized Harnett County Pharmaceutical Society are Fleming Lovett of Lillington, president; Larry Denning of Coats, vice president; Larry Thomas of Dunn, secretary-treasurer; and Herman Lynch of Dunn, program chairman.

SHORT SHORT STORY

April 1—Ad for female stenographer	$ 1.00
April 2—Violets for new stenographer	1.50
April 8—Week's salary for stenographer	45.00
April 9—Roses for stenographer	5.00
April 10—Candy for Wife	.90
April 13—Lunch for stenographer	7.00
April 15—Week's salary for Steno	60.00
April 16—Movie tickets for wife and self	1.20
April 17—Theater tickets for steno and self	16.00
April 18—Ice cream sundae for wife	.40
April 22—Mary's salary	75.00
April 23—Champagne and dinner for Mary and self	32.50
April 25—Doctor bill for stupid Stenographer	375.00
April 26—Mink Stole for wife	$1,700.00

let's get down to brass tacks

An Experienced, Pharmacy Oriented Sales Force

Running a successful pharmacy takes a lot of effort and experience. That's where the Henry B. Gilpin Co. can help you. Our expert sales force can assist you in both merchandising programs and store operations. Within the Gilpin staff exists a depth of knowledge in all phases of store operations. We are prepared to provide assistance and service wherever pharmacy is practiced.

1. **An experienced, pharmacy oriented sales force** trained to assist you in merchandising and store operations. In addition to their own experience, these men are prepared to immediately draw upon a wealth of experience in every phase of store operations which exist within the Gilpin company **now.**
2. **A comprehensive and up-to-date convalescent aids program.** Professional assistance is available to design a program to meet your space and inventory requirements and train appropriate personnel in your store to make this a profitable department.
3. **A complete sundries program** providing sundries departments and inventories designed specifically for your store, with a built-in provision for economical and reliable restocking of your shelves. Along with this, we maintain expanding stocks of new promotional sundries and programs for increasing traffic and sales.
4. **A professional planning and remodeling service** within our organization which includes complete service in floor design, fixture and installation.
5. **Professional help in site selection,** store development and in lease acquisition for desirable sites.
6. **Computerized inventory and billing systems.** This modern computerization also makes possible a wide range of additional data services including regular issuance of individual monthly reports of DACA drugs showing quantities and dates on which they were submitted.
7. **A financial service consultant** to service you on request.
8. **Professional Services Department.** A professional services department which provides you with vital assistance in the form of direct services and/or consultation in areas including: Medicare, Medicaid, third party payment programs, pharmaceutical inventory control, federal and state regulations, and many other areas.
9. **Two giant product shows each year:** in January featuring summer goods; in July featuring selections of fall and gift merchandise and emphasizing promotional sundries.
10. **An Accounts Receivable program.** A computerized system that knows pharmacists. The program handles your charge accounts and gives your customers a monthly statement showing all their deductible medical expenses, both for the current month and for the year to date. It also provides a monthly report on the aging of your accounts in the summary.
11. **Professional advertising and promotional assistance.** Our specialists in this area now provide on-going advertising and promotional programs for many of our customers and are available to assist you in this increasingly important area of your operation. With complete stocks and complete lines of merchandise provided with it, we are well qualified to provide the services required to nail down the profit dollars which you need and deserve from your business.

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Only Larodopa (levodopa) Roche provides scored tablets, as well as capsules, assuring highly flexible, convenient dosage titration and individualization of therapy.

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Whether the Rx calls for tablets or capsules, fill it with a Larodopa dosage form.

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Important Therapeutic Considerations

(a) Larodopa (levodopa) is not curative and its mechanism of action is unknown, though postulated.

(b) Long-term safety and efficacy for Larodopa have not been established.

(c) Accurate diagnosis is imperative since there is no evidence that Larodopa is effective in neurological diseases other than Parkinson's disease and syndrome.

(d) About one-third of patients or more will not experience clinical improvement on Larodopa, and virtually 100% of patients will experience side effects of some degree.

(e) The dose of Larodopa producing maximal improvement with tolerated side effects must be *carefully titrated for the individual patient.*

(f) Finally, there is no evidence that early treatment with Larodopa, while possibly controlling symptomatology, alters the course of the disease.

Before prescribing, please consult complete product information, a summary of which follows:

BECAUSE OF THE HIGH INCIDENCE OF ADVERSE REACTIONS AND THE NECESSITY FOR INDIVIDUALIZING THERAPY, THE PHYSICIAN SHOULD THOROUGHLY FAMILIARIZE HIMSELF WITH THE INFORMATION IN THE PACKAGE INSERT BEFORE INSTITUTING THERAPY WITH LARODOPA. ACCURATE DIAGNOSIS IS IMPERATIVE BECAUSE EVIDENCE IS LACKING THAT LARODOPA IS EFFECTIVE IN NEUROLOGICAL DISEASES OTHER THAN PARKINSON'S DISEASE AND SYNDROME.

ADEQUATE CLINICAL AND LABORATORY FACILITIES SHOULD BE AVAILABLE FOR PROPER MONITORING OF TREATMENT.

THE LONG-TERM SAFETY AND EFFICACY OF LARODOPA HAVE NOT BEEN ESTABLISHED.

Indications: For the treatment of Parkinson's disease and syndrome. Useful in relieving many of the symptoms, particularly rigidity and bradykinesia; frequently helpful in management of associated tremor, dysphagia, sialorrhea and postural instability.

Contraindications: In patients for whom a sympathomimetic amine is contraindicated; in patients receiving MAO inhibitors (the latter should be discontinued two weeks prior to initiating therapy with Larodopa); in patients with clinical or laboratory evidence of **uncompensated** endocrine, renal, hepatic, cardiovascular or pulmonary disease; with narrow angle glaucoma and blood dyscrasias; in patients with known hypersensitivity to levodopa.

Warnings: Long-term safety and efficacy not established. Administer with extreme caution to patients with bronchial asthma or emphysema who may require sympathomimetic drugs; to those with active peptic ulcer (in facilities equipped to treat gastrointestinal hemorrhage); in patients with psychoses or severe psychoneuroses. Initiate therapy with extreme caution and in proper treatment facility in patients with a history of myocardial infarction who have residual atrial, nodal or ventricular arrhythmias. Monitor all patients for development of mental changes, depression with suicidal tendencies, other serious antisocial behavior. Carefully consider concomitant administration of pyridoxine hydrochloride (vitamin B_6); oral doses of 10 to 25 mg have been reported to rapidly reverse the antiparkinson effects of Larodopa. In pregnancy, weigh potential benefits against possible hazards. Do not use in nursing mothers. Safety of Larodopa in children under age 12 not established.

Precautions: During extended therapy, periodic evaluations of hepatic, hematopoietic, cardiovascular and renal function recommended. In diabetic patients, control may be adversely affected; careful, frequent monitoring and proper adjustment of antidiabetic regimen required. Patients with chronic wide angle glaucoma may be treated cautiously provided intraocular pressure is well controlled and patient is monitored carefully. Monitor carefully patients receiving antihypertensive agents or psychoactive drugs concomitantly, or those with history of convulsions. If general anesthesia is required, discontinue Larodopa (levodopa) 24 hours prior to surgery; monitor cardiorespiratory functions carefully. Patients who improve on Larodopa therapy should resume normal activities cautiously. May be used concomitantly with other antiparkinson drugs with possible reduction in dosage of each.

Adverse Reactions: *Most frequently occurring:* nausea, anorexia, emesis, cardiac irregularities, orthostatic hypotension; choreiform, dystonic and other adventitious movements; dizziness, sedation, dyskinesia; psychiatric symptoms such as agitation, anxiety, confusion, depression, hallucinations, delusions, insomnia, nightmares, and mental changes including paranoid ideation and psychotic episodes. *Less frequently occurring* and listed according to system: *psychiatric*—suicidal tendencies, increased libido with serious antisocial behavior, euphoria, lethargy, stimulation, fatigue and malaise, dementia; *neurological*—ataxia, convulsions, faintness, impairment of gait, headache, increased hand tremor, akinetic episodes, torticollis, trismus, oculogyric crisis, weakness, numbness, bruxism; *gastrointestinal*—constipation, diarrhea, epigastric and abdominal distress and pain, flatulence, eructation, hiccups, sialorrhea, difficulty in swallowing, bitter taste, dry mouth, tightness of mouth, lips or tongue, duodenal ulcer, gastrointestinal bleeding, burning sensation of the tongue; *cardiovascular*—nonspecific ECG changes, palpitations, hypertension, flushing, phlebitis; *hematological*—hemolytic anemia (1 case); *dermatological*—sweating, edema, hair loss, pallor, rash, bad odor; *musculoskeletal*—low back pain, muscle spasm and twitching, blepharospasm, musculoskeletal pain; *respiratory*—feeling of pressure in the chest, cough, hoarseness, bizarre breathing pattern, postnasal drip; *urogenital*—urinary frequency, retention, incontinence, hematuria, nocturia, and one report of interstitial nephritis; *special senses*—blurred vision, diplopia, dilated pupils, activation of latent Horner's syndrome; *other*—fever, hot flashes, weight gain or weight loss.

Nausea, anorexia and vomiting usually obviated by temporary dosage reduction and/or administration with food. If cardiac arrhythmias occur, discontinue and institute other antiparkinson therapy. Reduce dosage when involuntary movements occur.

The following have been noted: elevation of BUN, SGOT, SGPT, LDH, bilirubin, alkaline phosphatase or PBI; occasionally, reductions in WBC, hemoglobin and hematocrit; elevations of uric acid with use of colorimetric method but not with uricase; rarely, positive Coombs test; dark sweat and urine.

Dosage and Administration: Because of the strong possibility of adverse reactions and the necessity for individualizing therapy, the physician should thoroughly familiarize himself with the information in the package insert before instituting therapy.

How Supplied: *Tablets,* pink, scored, containing 0.25 Gm levodopa (imprinted Roche 57) or 0.5 Gm levodopa (imprinted Roche 56)—bottles of 100 and 500.

Capsules, containing 0.25 Gm levodopa (pink and beige, imprinted Roche 55) or 0.5 Gm levodopa (pink, imprinted Roche 54)—bottles of 100 and 500.

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Pharmacists of the Year are shown with Mr. Hall. Seated, left to right: W. L. West of Roseboro (1959), Roger A. McDuffie of Greensboro (1960), Wade Gilliam of Winston-Salem (1956) and W. Dorsey Welch, Jr. of Washington (1964).
Standing, left to right: John T. Stevenson of Elizabeth City (1968), Alfred N. Martin of Roanoke Rapids (1966), J. C. Jackson of Lumberton (1961), Robert B. Hall of Mocksville (1971), B. R. Ward of Goldsboro (1970) and Hoy A. Moose of Mount Pleasant (1969).

When honoring Robert B. Hall as 1971 Pharmacist-of-the-Year, it was learned that Mocksville claimed several other "celebrities." Among those attending the dinner were: (foreground) Miss Josephine Cooley, North Carolina Handicapped Person of the Year, 1971; (left to right) Dr. Ramey F. Kemp, 1961 Chiropractor of the Year; D. J. Mando, Mayor of Mocksville; Robert B. Hall; Dr. Clyde W. Young, 1964 Veterinarian of the Year.

The following write-up of the Pharmacist-of-the-Year Dinner honoring Robert B. Hall was taken from the Davie County Enterprise Record. This tribute to Mr. Hall symbolized the impact his life has made and is making on his community. Three 3-column photographs, a two-column editorial written by the editor, Gordon Tomlinson, and the news story required 97 column inches. That a man's hometown newspaper will devote this much space to his achievements is an award in itself.

Robert Buckner Hall of Mocksville was honored July 14 as the North Carolina Pharmacist of the Year.

More than 200 persons attended the buffet dinner sponsored by the N. C. Pharmaceutical Association that was highlighted by the presentation of the Mortar-and-Pestle Award to Mr. Hall.

John C. Hood, Jr., President of the North Carolina Pharmaceutical Association, presided.

The invocation was given by the Rev. Charles Bullock, Pastor of the First Baptist Church of Mocksville.

Tributes to Mr. Hall were given by Mayor D. J. Mando of Mocksville who enumerated past and present accomplishments of Mr. Hall as pertained to Mocksville.

W. Dorsey Welch, of Washington, a past-president of the association, outlined the accomplishments of Mr. Hall in his service to the N. C. Pharmaceutical Association stressing that he had done things not to seek recognition but for the good it would do the association and others.

George P. Hager, Dean of the School of Pharmacy of UNC-CH, pointed out that as a student at UNC, Bob not only learned to be a good pharmacist but also a good leader.

"In his work with the state association and as a trustee of the university. Bob is not only able to define the problems but actively works for their solutions. His works conform with his words," said Dr. Hager.

The presentation of the award was made by B. Cade Brooks of Fayetteville, immediate past-president of the N. C. Pharmaceutical Association.

The Mortar-and-Pestle Award is presented annually for distinguished service in the fields of pharmacy, public health, education and welfare.

Three other state winners in other fields from Mocksville were recognized:

Miss Jo Cooley as the "N. C. Handicapped Woman of the Year."

Dr. Clyde Young as a former "Veterinarian of the Year."

Dr. Ramey F. Kemp as a former "Chiropractor of the Year."

W. J. Smith, Executive Director of the N. C. Pharmaceutical Association, read messages of congratulations from Dr. William Friday, President of the University of N. C., and George Watts Hill, President of Central Carolina Bank and chairman of the board of trustees, UNC-CH.

The career highlights of Mr. Hall are as follows:

A native of Wayne County and resident of Mocksville since early youth; education in the Mocksville Schools and at the University of North Carolina. Member of Phi Delta Chi Fraternity.

Returned to work with his father at Hall Drug Company upon graduation and is now owner and operator of the pharmacy.

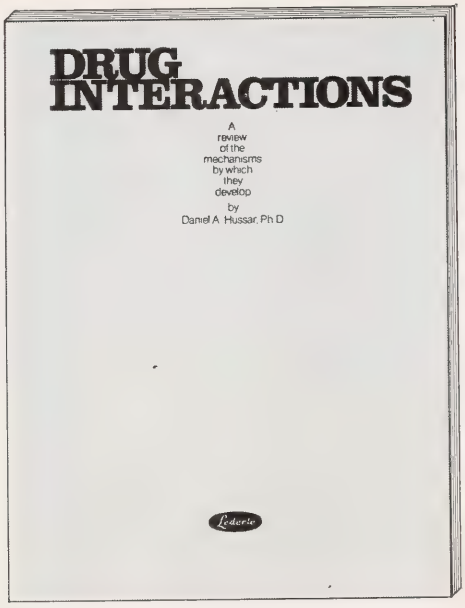
Served in the Army Air Force during World War II.

In his community he has served as secretary and vice-president of the Jaycees; Chairman of Heart Fund Drive; Director of the Rowan-Davie Heart Association; Director of Mocksville Rotary Club; Member of Davie County Morehead Selection Committee; On committees of the area Girl Scout Council and Uwharrie Council for the Boy Scouts; Director of North Western North Carolina Economic Development Commission. He is presently a member of the Mocksville Savings and Loan, and a member of the Board of the Davie-Yadkin-Wilkes Health Department.

In the First Baptist Church he has served as Trustee and Chairman of the Board of Deacons as well as president of the Brotherhood; he is currently serving as a member of the Finance Committee.

(Concluded on Page 25)

Information on DRUG INTERACTION important to every pharmacist



More than a mere compilation of reported drug interactions, this booklet provides a fuller understanding of *how* and *why* drug interactions occur. Its purpose is to help you anticipate such situations and to aid you in your role as the physician's advisor in the prevention and management of drug interaction problems.

This booklet reflects Lederle's continuing commitment to support the efforts of pharmacy in gathering and disseminating information regarding drug interaction.

Mr. Gale Smith,
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ROBERT BUCKNER HALL—PHARMACIST OF THE YEAR

by George P. Hager, *Dean*

School of Pharmacy, University of N. C.

The 1971 Pharmacist of the Year is a man of many parts. Even if his relations with the University of North Carolina and the School of Pharmacy *alone* were considered, he would still qualify as Pharmacist of the Year.

Bob's enrollment in the School of Pharmacy was interrupted at the end of his second year for a tour of duty in the U.S. Army Air Force. He was discharged on December 4, 1946, and received the World War II Victory Medal and the A.T.O. Ribbon on the same date.

He immediately resumed his studies at the School of Pharmacy in the winter quarter, 1947; married Sara Hope Fitchett at the end of his junior year, and graduated on June 6, 1949. With his lovely wife as a strong ally, he then began his professional career.

The strong tendency of Mr. Hall's colleagues to elect him to leadership positions was demonstrated while he was in college. He was Vice President and, later, President of the Phi Delta Chi Fraternity and Vice President of the Student Branch of the North Carolina Pharmaceutical Association.

As a student, Robert Hall learned to be a good pharmacist and, at the same time, an outstanding leader in his profession. As President of the N.C.Ph.A., he clearly discerned the problems of pharmaceutical education. On the subject of recruitment and manpower, he had this to say. . . . . "The need for an expanded pharmacy-student recruitment program is imperative. There is a critical shortage of pharmacists in our State. But, of course, I don't have to tell you that. We must ENROLL, GRADUATE, and LICENSE many, many more than are now becoming available each year.

'In my travels over the State, some have said we have no shortage of pharmacists; our problem is too many drug stores. When a town of about 5,000 people has 6 drug stores, this would seem to be true. But when the latest figures show we have one store per 4,000 people—about twice the national average for potential customers—and 36 pharmacists per 100,000 people, giving us a rank of 47th in the United States, we *do not* have too many drug stores and *do* have a shortage of pharmacists. When we license by reciprocity approximately the same number we license by board examination each year; when we graduate about half the number who start in pharmacy each year; then we have been neglectful somewhere. Beard Hall has ample space for many more students. It is our duty to interest as many as possible of the higher type high school student in studying Pharmacy."

Not only is Bob Hall able to define the problems, he is also actively working for their solutions. He was elected President of the N. C. Pharmaceutical Research Foundation on March 16, 1966. Under his leadership, the Foundation prospered greatly. He reliquished the Presidency of the Foundation in 1968 because of an illness that, by God's grace, proved to be temporary. He is continuing his support of the Foundation as a member of the Executive Committee of the Board of Directors. No one can thank Mr. Hall more sincerely for his work for the Foundation than the Foundation's secretary.

Mr. Hall's services to the School of Pharmacy merely *begin* with his work for the Foundation. In the 1963 General Assembly he was nominated by the Honorable Lester P. Martin, Jr. for membership on the Board of Trustees of the Consolidated University of North Carolina. He was the first practicing pharmacist to be elected to the Board. He was re-elected by a large majority (43 out of 45 possible votes) for an eight-year term in 1967 on nomination by the Honorable Earl H. Tate, a fellow pharmacist and past-president of the N.C.Ph.A. Accordingly Mr. Hall is now a member of the Class of April 1, 1975, Board of Trustees. Throughout his tenure, he has served as a strong representative of pharmaceutical education on the Committee of Health Affairs. The growth and viability of the Health

This is an abstract of Dean Hager's remarks in Mocksville on July 14. Additional comments on page 33.

Introducing our new bubbly

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Two natural agents promote normal bowel function
Malt soup extract softens stool while powdered psyllium husks swell with moisture to provide a lubricating bulk for comfortable laxation. Choose from Effervescent Syllamalt with its new sparkling flavor, or regular Syllamalt with pleasant malty taste.

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Members—David D. Claytor, Greensboro; Harold V. Day, Spruce Pine; C. E. Page, Jr., Henderson; Jesse M. Pike, Concord; W. H. Randall, Lillington; H. C. McAllister, Secy.-Treas., Box 471, Chapel Hill, N. C.

NEW PHARMACIES

1. Norris Economy Drugs, Inc., Washington Street, Whiteville 28472. Brantley A. Norris, pharmacist manager and owner.
2. Gibson Pharmacy, U. S. Highway 52 S. at Avalon Street, Salisbury 28144. Robert E. Lewis, pharmacist manager and part owner.
3. Trent Drugs, Pollocksville, Billy T. Allen, pharmacist manager and part owner.
4. Raper Drugs, Inc. #2, 3420 Sunset Avenue Ext., Rocky Mount 27801. Joe H. Barrett, II, pharmacist manager and part owner.
5. Eckerd Drugs, Tri-City Mall. Forest City. Evelyn C. Philbeck, pharmacist manager.
6. Lakewood Drugs, Inc., 1905 Chapel Hill Road, Durham 27707. Edward L. Lowdermilk, pharmacist manager. Walter J. Dozier, owner.
7. Senior Citizens Pharmacy, P. O. Box 335, Ruin Creek Road, Henderson 27536. Charles C. White, pharmacist manager and owner.
8. White Cross Drug, Brevard Plaza, Brevard. Robert A. Rankin, pharmacist manager.
9. Gordon's Pharmacy, Inc., 919 Kildare Farm Road, Cary 27511. Robert Lee Gordon, pharmacist manager and owner.
10. D-Rex Drugs, Highway 21, Jonesville 28642. Keith Denny, pharmacist manager and part owner.
11. Revco Discount Drug Center, Jonestown Road, Winston-Salem. Clyde W. Robinson, pharmacist manager.

MEDICAID RX REPORT

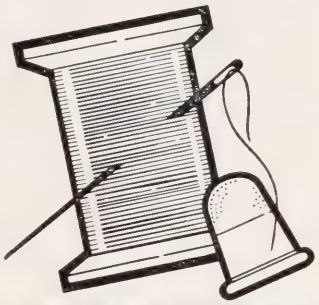
For the fiscal year ending June 30, 1971, the North Carolina State Department of Social Services processed 3,277,396 Medicaid prescriptions for a total of $14,545,517.75.

Toward the end of the fiscal year, some payments were delayed on account of failure of some counties to put up matching funds. Interest free loans by the state helped to correct the situation.

This is not anticipated to be a major problem this year since the counties share has been reduced by 85%.

CHANGE IN OWNERSHIP

Pruett Drug Store, 100 E. Depot Street, Angier 27501. Irvin J. Pruett, pharmacist manager and owner. (Formerly Talton Drug Store.)



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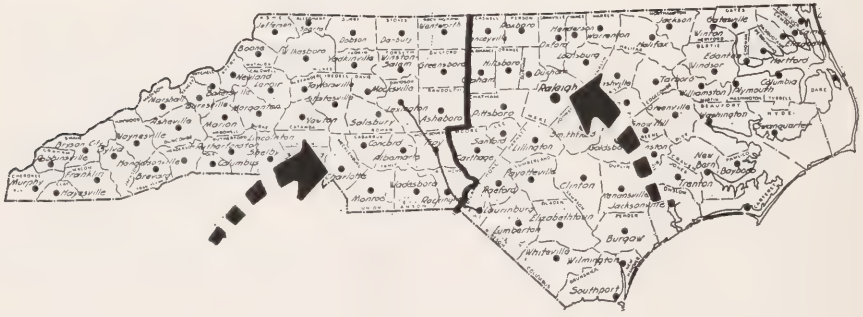

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R.Ph. OR P.D. OR Pharm.D.?

by Whitaker Moose, Mount Pleasant

Title, Title, who's got the title? An almost unending problem for pharmacy has been what to call one's self. Several years back it was between pharmacist and druggist, and between drugstore and pharmacy. What to some may seem to be much ado about nothing is a very real and serious matter, since much of the image we convey to our customers and to the allied health professions is reflected in what we think of, and call ourselves.

The only clear-cut fact of this discussion is that to date each of the titles used by pharmacists has some serious drawback. Take the most popular R.Ph. abbreviation for registered pharmacist for example. Many resent the word "registered" as implying that a registered pharmacist is somehow better than a plain old pharmacist. Others object to the term "registered" on the grounds that it sounds like a pedigree or breed, like a registered bull.

Some pharmacists have continued to use the letters Ph.G. even though they have B.S. degrees just because they feel it has a "nice sound."

Others suggest that we use the abbreviation B.Ph. for Bachelor of Pharmacy. In my opinion this would be superior to S.B., B.S., or even S.O.B. as we are sometimes called.

Still others suggest the use of the title of Doctor, by the pharmacist, would upgrade the image of pharmacy in general, and would work wonders for one's ego.

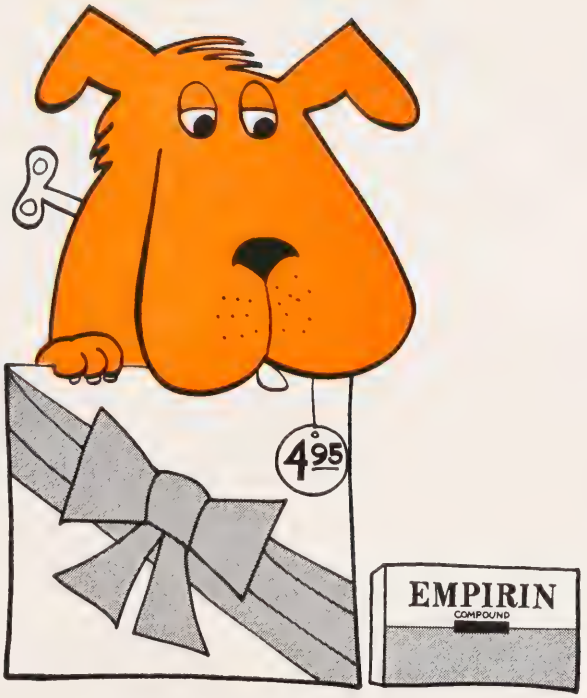
Half a dozen Pharmacy Schools across the nation are currently offering a 6 year course in pharmacy giving a Pharmacy Dr. degree upon completion. This should not be confused with a Ph.D. or even a Master's degree. Whether this practice spreads or not only time will tell. But there seems indications that the idea of the Dr. title for the pharmacist is growing.

In November of 1970 at the District Meeting of the NCPhA in Concord, the question of granting a Dr.'s title to the community pharmacist was discussed. The thought was that those pharmacists who currently held B.S. degrees could add the equivalent of an extra year through continuing education such as seminars, conventions like this one, and other educational innovations. The challenge was given to those present to look into this possibility.

The Cabarrus County Pharmaceutical Society subsequently invited pharmacists from its surrounding counties to discuss this proposal with the Dean of the UNC School of Pharmacy, Dr. Hager. In March of this year Dr. Hager and Mr. Paoloni presented a program at this special meeting. The topic of discussion was continuing education in general, with several questions pertaining to the granting of Pharmacy Dr. degrees to the community pharmacist through continued education. Quite frankly, from this discussion that followed, I would say that the hope of implementation of this program at the current time is slim. And a good number of those present would probably say "good riddance."

I strongly believe though, that if an individual wants something badly enough he can obtain it. I also feel that if the North Carolina Profession of Pharmacy wants this program badly enough, then it too can be obtained.

Part of the Panel Presentation—N. C. Pharmacy Issues & Involvement—at the 1971 NCPhA Convention, Durham.



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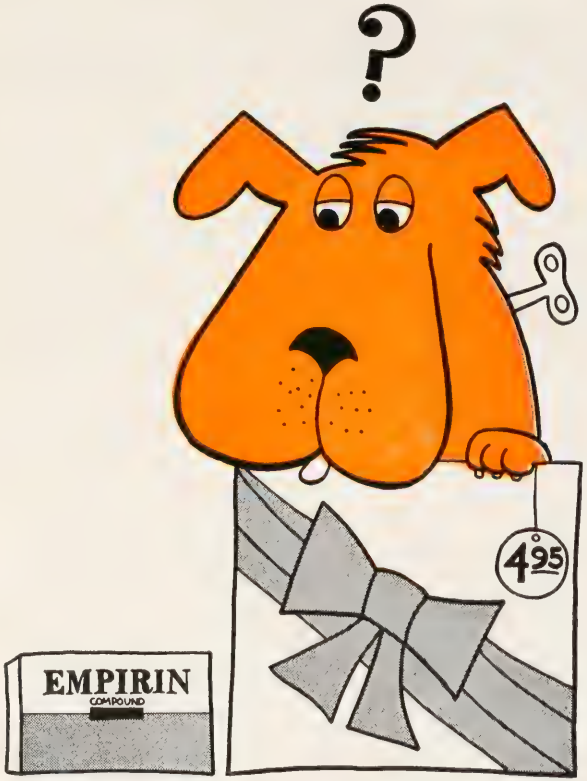

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So, look to your stock. In addition to good profits from Empirin Compound, the extra traffic should help you move a lot of other items as well.

Display Empirin Compound for greater sales and profit.

When customers ask your professional advice:
Recommend two Empirin tablets every three hours, for minor aches and pains, simple headache and toothache, and to help relieve the discomfort of colds.

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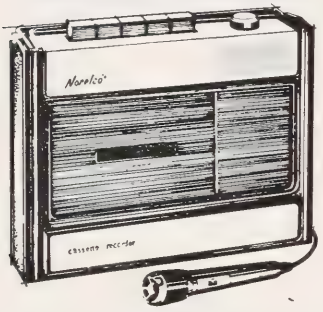

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CONTRIBUTE TO PHARMACY FUNDS

Recent Woman's Auxiliary contributions to the Institute of Pharmacy included $50 from the Greensboro Drug Club Auxiliary and $100 from the Raleigh Pharmaceutical Auxiliary. The Raleigh group also contributed $100 to the Student Emergency Loan Fund.

GLORIA SABATINI NAMED DIRECTOR OF SK&F PHARMACY AFFAIRS

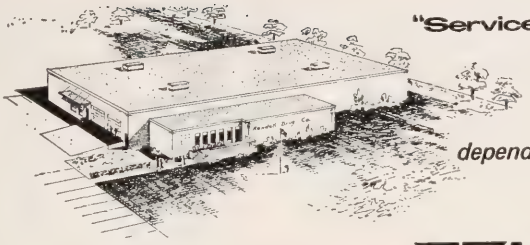
Miss Gloria R. Sabatini has been named Director, Pharmacy Affairs for Smith Kline & French Laboratories.

She is responsible for coordinating all activities, inside and outside the company, that affect the pharmacy profession. She formerly was Associate Director, Health and Welfare Operations.

Miss Sabatini joined SK&F in 1952 as a pharmacist in Research and Development. In her career at SK&F, Miss Sabatini has also worked as a pharmaceutical chemist, a compound and data coordinator, literature scientist, writer and coordinator of New Drug Applications for the Food and Drug Administration, promotion services administrator and State Government Affiairs Associate.

She is a member of Rho Chi, National Pharmacy Honorary Fraternity, the American Association for the Advancement of Science, American Pharmaceutical Association, Pennsylvania Pharmaceutical Association, Philadelphia Association of Retail Druggists and an associate member of the National Association of Retail Druggists. She serves on the Board of Directors of the Pennsylvania Health Council and the Board of Trustees of Eastern State School and Hospital.

A graduate of the Temple University School of Pharmacy, Miss Sabatini served two terms as president of the Temple University Pharmacy Alumni Association and also serves as a member of the Board of Directors of the General Alumni Association and the Pharmacy Alumni Association.



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CONTINUING EDUCATION PROGRAMS FOR 1971-1972

(Digest of a Report to the NCPhA Executive Committee by Claude U. Paoloni)

1. Pharmacy Audio Tape Service—in operation. Plan to keep program current and viable by scheduling experts to tape specific programs for the tape service library.
2. "EDP and Information Systems in the Practice of Pharmacy." Held July 19-21. Deals with the Pharmacist's role as a link between the patient and the health and medical care systems. Among topics discussed, "Medical Data and National Health Programs," "Third Party Payments and Related Records," "Computer-Based Support Systems for Drug Data," and "EDP Support for Drug Utilization Practices," to name a few. Mr. Paul Olejar, Director of Drug Information Programs, School of Pharmacy, was program coordinator.
3. "Hospital Pharmacy" Seminar, set for Saturday and Sunday, September 11 and 12. Session topics will center on The Hospital Pharmacist and the Changing Hospital, The Changing Hospital as viewed by various members of the health care team, and Panel Discussion: New Health Care Roles and Practitioners.
4. "Ostomy," a one-day program scheduled for October 4, with limited enrollment and preference given early registrants. If successful in Chapel Hill, will give consideration to presenting program regionally.
5. Alumni Homecoming Weekend will allow alumni to combine short seminar with attendance at UNC homecoming football game, Oct. 22-23. Topics will include "Drug Truth and Mythology," "Let's Get With the Kids," and "Environment and Pollution Control."
6. N. C. Academy of Family Practitioners one-day seminar planned for November 4. Topic will be "The Physician's Role in Drug Abuse and V.D."
7. Clinical Symposium on "Health Education and the Pharmacist, two hour sessions every Wednesday night for five consecutive weeks. Tenative Topics include "Immunization and Prevention," Oct. 13; "Birth Control and Family Planning," Oct. 20; "Venereal Disease," Oct. 27; "Ophthalmics," Nov. 3; and "Community Health Resources," Nov. 10.
8. Sixth Annual Socio-Economic Seminar, planned for February, 1972. Sponsored jointly by School of Pharmacy and N. C. Pharmaceutical Association.

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COLUMBUS IMPERIAL DRUG STORE FIXTURES

Let us DESIGN and engineer your DRUG STORE to promote and SELL merchandise.

We have successfully given this service to our customers for over a quarter of a century.

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Pharmacist of the Year (from page 13)

Mr. Hall is past-president of the North Carolina Pharmaceutical Association and the North Carolina Pharmaceutical Research Foundation. He continues to serve on the Board of Directors of the Foundation. He is Chairman of the Consolidated Pharmacy Student Loan Fund; member of the Academy of Pharmacy, and a charter member of the Academy of General Practice of Pharmacy.

He was recently elected for a second term as Trustee of the Consolidated University of North Carolina and serves on the Committee on Health Affairs which encompasses Schools of Pharmacy, Dentistry, Public Health, Medicine, and Nursing.

Mr. Hall is married to the former Sara Hope Fitchett of Dunn; they have a daughter, Hope Fitchett, and two sons, Robert Buckner, Jr. and Carl Stacy.

EDITORIAL FROM DAVIE COUNTY ENTERPRISE RECORD

"It is no great thing to be humble when you are brought low; but to be humble when you are praised is a great and rare attainment."—St. Bernard.

Robert Buckner Hall was praised July 14 at a special dinner in his honor as the North Carolina Pharmacist of the Year. Various speakers extolled his accomplishments as a pharmacist, as a leader in the state association and the University of North Carolina, and other related fields.

After being presented with the coveted "Mortar-and-Pestle" award, Robert Buckner Hall became Bob Hall as he sincerely expressed his appreciation in a rare appraisal of self and the honor he had achieved.

"All my life I have been given so much . . . . and actually earned so little. . . .," he began. "I have so much for which to be thankful to others."

Then in a manner that is best described as "touching all the bases . . . . in the right order". . . . Bob made a masterful response. In a brief, but most sincere manner, Bob expressed his appreciation for:

. . . . His parents. . . . his step-mother. . . and what they gave him Both his mother and step-mother were nurses; his father a pharmacist, who gave him a start in the business world.

. . . . To his in-laws . . . . for giving him a devoted and understanding wife; for the feeling of belonging to a family of brothers and sisters that he, as an only child, never experienced.

. . . . To his wife for her devotion and loyalty . . . . for sticking by and cheering him when things went wrong; for being a loved one with whom to share all joys and honors . . . And to his three children for their understanding and love.

. . . . To the North Carolina Pharmaceutical Association for the opportunity to serve. To the University of North Carolina that gave him his education and opportunity to serve and achieve further honor as a trustee.

. . . . To his loyal co-workers for sticking with the store and giving him a chance to participate in the other activities.

And to his friends and people of Mocksville . . . . "who have done so much for me and my family all these years."

"This honor is one to be shared by many . . . . and in this respect I can proudly accept the award on behalf of all!" said Bob.

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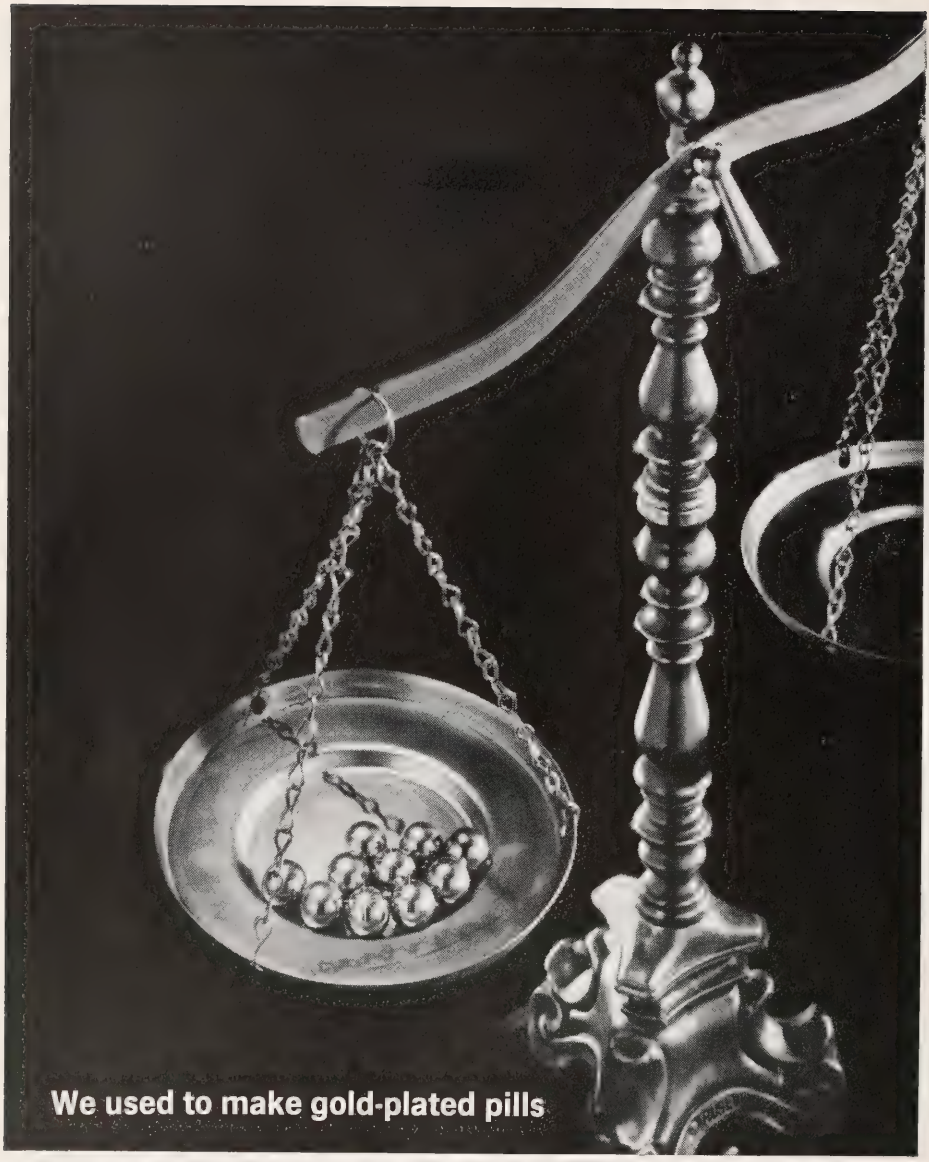

We did from 1913 into the mid-Twenties. They were rolled on this gold leaf to pick up a fine golden luster.

We don't do it now.

Today, we concentrate on putting the quality on the inside, where you and the doctor and the patient want it.

The name Upjohn is on the outside.

That says it just as well.

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COMMENDATION FOR NAGS HEAD PHARMACIST

This letter was written by a staff member of the State Department of Justice and is indicative of professional services performed by pharmacists, although in most instances such services are not recognized to the extent of a written communication.

Dear Mr. McAllister:

This is with regard to the kindnesses one of North Carolina's pharmacists, Mr. Robert E. Miller of Nags Head, recently extended to me.

During a recent vacation trip to the Outer Banks, I suffered an attack of a recurring back muscle spasm. These attacks are most painful and I was for a time afraid that I would not be able to drive myself and my family home to Raleigh due to the extreme discomfort involved.

Fortunately for me, however, I stopped by Mr. Miller's pharmacy in an attempt to locate any medication which would give me some relief. Mr. Miller's thoughtfulness and assistance far exceeded anything which could reasonably be expected of a pharmacist engaged in such a busy practice. At his own initiative he took the time to contact a local physician and obtain approval for the dispensing of a muscle relaxant prescription which gave me great relief. I am convinced that it is only due to his kindness that I was able to make the trip home to Raleigh.

I am writing you to commend Mr. Miller for his kindness and concern for the welfare of others. His actions were in the finest tradition of and reflected most favorably upon his profession.

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Your Association's Collection Service is an affiliate of a national organization currently serving members of more than 300 leading trade associations throughout the nation.

Don't lose sales volume because customers owe you money and are trading somewhere else. Your Association's Collection Service will chase those debtors back into your place of business to pay YOU direct. You will get accounts OFF your ledger and IN your bank account—and you will also have many former customers back doing business with you again. For information, contact your Association office. It will pay you to do so.

On request, A representative of the I. C. System will explain the collection program in detail.

Call or write the NCPhA, Box 151, Chapel Hill, North Carolina 27514

PHARMACIST OF THE YEAR PROGRAM APPEARS IN CONGRESSIONAL RECORD

Details of the Robert B. Hall "Pharmacist of the Year" program in Mocksville appeared in the Congressional Record (#119) of July 28.

The Record carried comments by Congressman Wilmer D. Mizell and articles from the Davie County Enterprise relating to the Pharmacist of the Year program.

INDIVIDUAL PATIENT MEDICATION RECORDS

by Jeff Whitehead, Enfield, N. C.

At our pharmacy we are now into the fourth year since undertaking initial efforts in maintaining and evaluating individual patient medication records. During this period many genuinely fulfilling experiences with patients, physicians, other pharmacists, and pharmacy students have come my way. I am reluctant to dwell extensively upon the contrast in the quality of life as a pharmacist this recent period has contributed to me personally when compared with the previous dormant twenty or twenty-five years in which I practiced pharmacy in a conventional manner as I suppose most of you here today are accustomed to doing. I express this reluctance knowing full well that should I not restrain my true feelings concerning this long awaited and overdue emancipation you would, because of a lack of proper reference standards, promptly and forthwith brand me to be some sort of new style idiot who has unfortunately fallen victim to a premature senility. Let it be sufficient to say that what were rather profound reservations in the beginning have changed to strong convictions that the enlightenment facilitated through this approach to our work gives birth to a renewed dimension of function which will once again reestablish pharmacy as a truly valuable entity within the health care system.

Our individual patient medication record card consists of a standard 5" X 8" index card which we head-up with the patient's name, address, next of kin, date of birth, known allergy, chronic disease, and the name of his usual physician. We predicated our card plan upon simplicity, and enter prescription information as follows: With a numbering machine we enter the prescription number on the extreme left margin of the card and at the same time the prescription is also stamped. Next, and perhaps later at a convenient time, we type in information in this sequence: The date, the number of authorized refills, which is set in parenthesis, the cost of the prescription, the name, strength, and quantity of the medication, the directions, and last, the name of the physician if it is other than the patient's usual. On the occasion when a prescription is refilled we simply insert the refill date at the end of this line of information.

In cases in which a prescription bears a non-refill instruction, is a narcotic, a control drug, or otherwise a medication which will be administered for a short time, we skip one space on the card between this entry and the next prescription entry. When a prescription is indicated for a long term therapy we will allow several lines of space to utilize for refill information.

As an adjunct to our patient medication record card we have devised a form which we use to communicate to the prescribing physician a notice of possible drug-drug or drug-disease interaction which comes to our attention. This is a printed form which contains blank space in which we insert the appropriate physician and patient name, it also contains space in which we indicate the names of the drugs in question together with a space where we insert a comment relative to the problem. In effect the notice reads like this: Dr. John Doe, today we filled a prescription for your patient, Jane Doe. The patient's use of this medication with that listed below presents the possibility of unusual pharmacological influences in which you alone are in a position to make a clinical evaluation. Then in a space headed "Possible untoward influences" we enter a comment. I would emphasize here that when at all possible we quote from an authoritative source and include a complete literature reference. I have found this technique to be the most effective in producing the desired result at the level of the physician.

The approach I have briefly outlined to you deviates somewhat from the routine procedures we as practicing pharmacists have held on to while the prescribing habits of the physician has changed in the time period of one generation from the old practice of incorporating many ingredients into one prescription which we formerly dispensed in a

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Part of the Panel Presentation—Pharmacy Issues & Involvement—at the 1971 NCPhA Convention, Durham.

single container to a pattern in which the physician continues to incorporate many medications ordered via separate prescriptions and at variable time intervals which also ultimately terminate again into a single container. In this instance, however, the single container takes the form of the patient. The plan of medication monitoring I have outlined is a means whereby we can adjust our practice to satisfy the inherent responsibility with which the pharmacist is endowed through his educational preparation and professional license. To abdicate this responsibility hurts us in many ways. Most of pharmacy's current problems are a direct result of the state of decadent obsolescence which has resulted from our failure to adjust properly to the advances of medical science which have taken place since World War II. We now have reached a level at which it would be more appropriate for the pharmacy student to serve as preceptor to the older pharmacist. This is indeed a very serious state of affairs which urgently needs our most objective consideration. Continued apathy is to exceed the prerogative of privilege. We simply must break away from the past patterns of status quo which are very effectively emasculating the entire effort expended by our educational institutions. The roots of this problem extend further in that when we create the situation in which the young pharmacist is deprived of the opportunity to utilize his scientific education a demeaning influence is introduced which will lead to a debasement of one's self and eventually to a loss of self respect of varying degree. At this point I will say to you that in the event we are not willing to take the steps necessary to get our house in order, it will be the result of these influences. I repeat—If we are not willing to take the steps necessary to get our house in order it will be the result of the loss of self respect.

In conclusion I offer you an excerpt from Thomas Huxley's essay, "Technical Education," written almost one-hundred years ago. "Perhaps the most valuable result of all education is the ability to make yourself do the thing you have to do, when it ought to be done, whether you like it or not; and however early a man's training begins, it is probably the last lesson he learns thoroughly."

Two NCPhA-Endorsed Insurance Plans Which Merit Member Participation

DISABILITY INCOME PROGRAM

BASIC PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Two Years

EXTENDED PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Five Years

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PLAN I: $12,000 Maximum Benefit including $16 Daily Room Limit
PLAN II: $18,000 Maximum Benefit including $24 Daily Room Limit

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NORTH CAROLINA GENERAL ASSEMBLY

Senate Chamber
State Legislative Building
Raleigh 27611
July 20, 1971

Mr. H. C. McAllister
Secretary-Treasurer
North Carolina Board of Pharmacy
Post Office Box 471
Chapel Hill, North Carolina 27514
Dear Mr. McAllister:

In the deliberations of the Senate Judiciary I Committee and the subcommittee appointed to review House Bill 294 (Committee Substitute) the requirement of registration with the North Carolina Drug Authority and the exemption for practitioners (§90-101) was discussed at some length. A strict interpretation of the definition of practitioner (§90-87(v)) could result in the application of the requirement for registration with the Authority of pharmacists. The suggestion was made that pharmacists be included in the definition of practitioner, but you and others pointed out the obvious problems involved with this alternative. An immediate conflict would arise with the current federal law defining a practitioner along with the confusion which would be generated by treating the same activity differently by definition at the state and federal levels. After much discussion it was the unanimous opinion of Committee members and sponsors of the bill that pharmacists should be exempt from registration with the Authority, in the same manner as other licensed health professionals.

The intent of the Committee is that pharmacists be included in the definition of practitioner as ". . . other person licensed, registered or otherwise permitted to distribute, dispense . . . a controlled substance in the course of professional practice . . ." for purposes of exemption from registration with the Authority. It is explicitly not intended for this legislation to be interpreted narrowly (such as, enumeration excluded those omitted) on this point. This expression of legislative intent appears to be the most satisfactory solution to the problem.

Sincerely,
Julian R. Allsbrook

THE 1971 GENERAL ASSEMBLY AND SIGNIFICANT PHARMACY LEGISLATION

The 160 day session of the 1971 General Assembly ended on July 21. Included in the 2500 bills considered by the Legislators were a number (see below) of special interest to Pharmacy. As we close the records of this session (the lawmakers will be back in Raleigh in late October to act on restructuring of higher education), special commendation to W. H. (Bill) Randall, NCPhA Legislative Chairman; Dr. David Work of the UNC School of Pharmacy; Bill Wilson, Secretary-Treasurer of PharmPac; H. C. McAllister, Secretary-Treasurer of the N. C. Board of Pharmacy; Earl Tate, NCPhA Legislative Representative; and countless unnamed individuals who, on call, responded with helpful advice and assistance.

Of special aid was the understanding and continuous support of Pharmacist/Senator John T. Henley who, as Chairman of the Appropriations Committee, was most sympathetic to an adequate funded Medicaid Rx Program and whose professional knowledge was utilized in the passage of the other bills noted below.

Title XIX (Medicaid) Pharmacy Service Program. The General Assembly provided required state-matching funds and at the county level, will pick up all but 15% of the county cost (a problem with some counties in the past). Although some of the providers of Medicaid services, effective August 1, will face cutbacks, no basic change in the Pharmacy Rx Program is anticipated. For fiscal year ending July 1, 1971, cost of the Medicaid Rx Program was $14,545,517 for 3,277,396 Rxs.

H. B. 294. North Carolina Controlled Substances Act (originally North Carolina Dangerous Drug Act) as finally enacted into law by the General Assembly, is essentially the same as the Federal Controlled Substances Act. H. B. 294 (more than 70 pages in length) was amended and re-amended (23 times in one day) and finally emerged as an acceptable piece of legislation. Effective January 1, 1972.

H. B. 1076. Provides for the establishment of "The North Carolina Drug Authority" to coordinate all state efforts related to drug abuse prevention, education, control, treatment and rehabilitation. The General Assembly provided funds to carry on the work of the Authority, including employment of a director and staff. The executive officer of the N. C. Board of Pharmacy will serve as a member of the Authority.

S. S. 557. Permits the N. C. Board of Pharmacy to establish rules to require less (but not more) than the one year of practical experience that is now required for license. Effective July 1, 1971.

S. B. 558. Provides for issuance of "pharmacist intern license" by N. C. Board of Pharmacy to persons meeting these qualifications (1) graduates of duly accredited schools or colleges of pharmacy, (2) three months of practical experience in pharmacy under the instruction of a licensed pharmacist, and (3) pass a satisfactory examination by the N. C. Board of Pharmacy. Effective July 1, 1971.

In 1970, Roche Laboratories broke with pharmaceutical industry tradition by being the first company to discontinue mass, unsolicited sampling of professional products. The Roche aim is to ensure the greatest benefit to the patient while meeting the professional needs of the pharmacist and physician. All are served best by proper handling of drugs. Better control of all aspects of drug distribution ensures the highest standards of health care for the patient, physician and community.

This policy reflects Roche interest in the general problems of pharmacy management, as well as the pharmacist-doctor, pharmacist-patient and pharmacist-community relations. There are many of your colleagues at Roche—practical professionals in various management positions—who help make the policies and provide the services that help you meet the challenge of pharmacy today.

ROCHE

ROCHE LABORATORIES
Division of Hoffmann-La Roche Inc.

Robert Buckner Hall—Pharmacist Of The Year

(Continued from Page 15)

Sciences Division of UNC-Chapel Hill, including the N. C. Memorial Hospital reflects the effective work of the Committee. Its dynamic chairman, Mr. George Watts Hill, praises Mr. Hall for his contributions to the Committee's deliberations and actions. According to Mr. Hill, Bob brings to the Committee considered and sound judgment. In spite of Bob's great interest in pharmacy, he is not parochial. Instead, he is able to grasp the overall picture and to deal properly and fairly, unfettered by any professional bias, with the far-reaching concerns of the University's Health Sciences Division. Mr. Hill indicated, with a twinkle in his eye, that if God and Bob are not on the same side initially, they *are* ultimately under Bob's persuasion.

I learned very early in my experience as dean of the School of Pharmacy that Robert Hall is most perceptive of needs and problems—that he is most sound and logical in defining problems—that he is most energetic and innovative in formulating and implementing solutions. Most importantly, his *works* conform with his *words.*

Mr. Hall began his address as President of the Association on April 9, 1962 by saying, "I have searched the works of many authors to find a poem . . . . suitable for this occasion." I believe that Robert Frost had a person like Bob Hall in mind when he wrote:

"He knew a path that wanted walking.
He knew a spring that wanted drinking—
A thought that wanted further thinking—
A love that wanted re-renewing.
Nor was this just his way of talking—
To spare him the expense of doing.
With him it boded action—deed."

THIS LETTER IS TYPICAL OF COMMUNICATIONS RECEIVED DAILY BY MOD EDUCATION. THE COMBINED PROGRAM—SCHOOL OF PHARMACY, PHARMACY STUDENT & MOD EDUCATION—NOW IN ITS SECOND YEAR, IS THE BEST ORGANIZED, STATE-WIDE PROGRAM OF ITS TYPE IN NORTH CAROLINA

MOD Education
Box 151
Chapel Hill, North Carolina 27514

Dear Sir:

As assistant librarian of Elementary School, I have been asked by a local civic group (Ruritan Club) to help them in securing information on drug abuse. I had in mind a good film that would be interesting for the adult age level.

I do not know even if you have films on loan to individuals, but I would appreciate it very much if you could please give me some assistance.

The meeting for the Ruritan Club will meet on September 7, 1971 and I will need any information such as, pamphlets, leaflets, or books that I could distribute to the individual during the meeting. Also if you have films on loan would you please schedule me at least two, and also I will need approximately twenty-five pamphlets and leaflets. I am looking forward to hearing from you concerning this matter very soon. Many thanks for all your efforts.

For eighty-two years

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Has been producing good printing, and with promptness. Machines and techniques in printing have changed but the inherent quality is maintained.

We are proud of our long association with North Carolina druggists through The Carolina Journal of Pharmacy and its editors. *The Journal* is now in its fifty-second volume, and the first printed copy was "Seeman Printed."

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UNC Pharmacy School Notes

SCHOOL OF PHARMACY GETS ASSISTANT PROFESSOR

Dr. Larry J. Loeffler has joined the faculty of the University of North Carolina School of Pharmacy as an assistant professor in the Medicinal Chemistry Division.

He comes to the school after completing a special fellowship at the National Heart and Lung Institute of the National Institutes of Health, Bethesda, Maryland.

Dr. Loeffler was a Phi Beta Kappa at Princeton University where he received both his undergraduate degree and in 1961 his doctoral degree in Organic Chemistry.

UNC PHARMACIST AWARDED $41,300 HEW GRANT

A $41,300 Department of Health, Education and Welfare grant has been awarded to Professor James L. Olsen of the University of North Carolina School of Pharmacy.

Dr. Olsen, Director of the School's Drug Product Program, will be working in the area of pharmaceutical tablet accuracy. This involves research in mixing procedures and tableting operations to assure minimum tablet to tablet variations.

Dr. Olsen has vast experience in mixing and tableting, including previous work at the School of Pharmacy of the University of Minnesota.

DR. MATTOCKS DIVES IN BAHAMA WATERS

A professor at the University of North Carolina School of Pharmacy believes man's future depends heavily on the oceans.

Because of his interest in this, Dr. Albert M. Mattocks, head of the Basic Pharmaceutics Division at the School, has become an expert diver and heads for the ocean with his scuba equipment every chance he gets. Recently, Dr. Mattocks went to the Bahamas for a week-long tour of those waters on the Hylander IV, captained by "Skeet" La Chance. The Hylander is especially fitted out for diving in that area.

Dr. Mattocks' experiences during the week included a "visit" to the "Habitat" —a two-man deep-sea experimental capsule resting in 55 feet of water. He also dove on three wrecks, one an old Spanish galleon.

Dr. Mattocks believes that not only is the sea a necessary source of food, but that it will become an important area for drug products.

Many area pharmacists are avid skin divers and may be interested in this trip. Dr. Mattocks will gladly provide further information on request.

PHARMACY SCHOOL RECEIVES GRANT

The University of North Carolina School of Pharmacy has been awarded a $35,843 grant by the Department of Health, Education and Welfare for its continuing programs in drug abuse education.

The major area of the grant is earmarked for the School of Pharmacy Student-To-Student Drug Abuse Education Project which provides trained pharmacy students for visits throughout the state to secondary and junior high schools to present drug programs. This past school year, 55,000 students heard the pharmacy presentations which are under the faculty direction of Professor Leonard Berlow.

Award also provides support for the School's Teacher Drug Abuse Education Project and the North Carolina Pharmaceutical Association Auxiliary's Misuse of Drugs (MOD) Program.

WOMAN'S AUXILIARY OFFICERS—1971-1972

President—Mrs. George Cocolas, 1298 Wildwood Drive, Chapel Hill
1st Vice-President—Mrs. William G. Thames, 307 Lakeview Road, Hope Mills
2nd Vice President—Mrs. Dewayne Franzen, 3302 Charing Cross Rd., Greensboro
Recording Secretary—Mrs. R. I. Cromley, Jr., 4732 Wildwood Road, Raleigh
Corresponding Secretary—Mrs. M. E. Hedgepeth, P. O. Box 1006, Henderson
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Parliamentarian—Mrs. Joseph C. Estes, 501 McCoy Road, Reidsville
Historian—Mrs. Jesse Pike, 136 Beverly Drive, Concord
Advisor—Mrs. W. Grover Creech, 105 Longview Drive, Smithfield
Advisor—Mrs. William P. Wells, 2205 Wilson Street, Durham
Coordinator—Mrs. W. J. Smith, 908 Arrowhead Road, Chapel Hill

FALL CONVOCATION

To all women concerned with Pharmacy: Plans are being completed for the annual Fall Convocation to be held Wednesday, September 29 at the Institute of Pharmacy, Chapel Hill. Plans include: *Dutch Buffet Luncheon at The Ranch House; an "Off Broadway" production; Tour of President and Mrs. William C. Friday's home; Announcement of plans for the "Bizarre Bazaar."*

This is an opportunity for wives of men in Pharmacy to take part and share in the program of the Woman's Auxiliary. Won't you join us?

If you are not now a member of the Woman's Auxiliary but would like to attend the Fall Convocation, you are cordially invited to come and to affiliate with the Auxiliary at that time.

Reservations may be made by contacting Mrs. W. J. Smith, P. O. Drawer 151, Chapel Hill 27514—telephone (919) 967-2237.

Complete details will be published in the next issue of DOINGS.

FIFTH ANNUAL CAROLINA HOSPITAL PHARMACY SEMINAR

The Fifth Annual Hospital Pharmacy Seminar, sponsored by The North Carolina Society of Hospital Pharmacists and the UNC School of Pharmacy, is scheduled in Chapel Hill on September 11-12, 1971.

During the two-day seminar, attention of the registrants will focus on The Hospital Pharmacist and the Changing Hospital.

Guest speakers include these out-of-state specialists: Sister M. Gonzales of Mercy Hospital, Pittsburgh; Charles M. King, Jr., University of Alabama Medical Center, Birmingham; Wiggins Jones, Atlanta; and Herbert L. Flack, Hospital of the University of Pa., Philadelphia. Program participants also include a number of well known in-state hospital and medical care leaders.

The registration fee, including all meals, is $20.00. Further details from the UNC School of Pharmacy, Chapel Hill.

MARRIAGES

John Olan Brown, 1971 graduate of the UNC School of Pharmacy and Susan Roberta Williamson were married July 18 at Covenant Presbyterian Church of Charlotte. Mr. Brown is practicing pharmacy at the State Central Prison Hospital at Raleigh.

Louise Fields Griffin was married to *William Thomas Kesler* in Grace Episcopal Church of Woodville July 17. Both are 1971 graduates of the UNC School of Pharmacy. Mr. Kesler is with Eckerds of Burlington.

Robert Wilton Worley of Princeton, 1971 graduate of the UNC School of Pharmacy, and Mary Louvinia Ennis of Smithfield, were married June 20 in the Princeton Missionary Baptist Church. The couple will make their home at Tau Valley Apartments, Rocky Mount, where he is associated with H. L. Dicks Drug Company.

The Corinth Baptist Church of Rose Hill was the setting for the wedding of 1970 Pharmacy graduate *Jerry Henry Cottle, Jr.* and Joyce Faye Brinkley. The Cottles will live in Tarboro where the groom is with Thorne's Drug Company. Their wedding date was June 6.

Vance Jefferson Lester, 1971 graduate of the UNC School of Pharmacy, and Connie Lou Haley of Madison, were married June 27. The Lesters are making their home in Asheboro where the groom is with Mann's Drug.

BIRTHS

Mr. and Mrs. *J. Warren Elkins* announce the adoption of a five week old boy whom they have named Matthew Hunter. Mr. Elkins is with Massey-Hill Drug Company of Fayetteville.

DEATHS

Mrs. Margaret D. Ham

Mrs. Margaret D. Ham, widow of the late Thomas J. Ham, Jr. of Yanceyville, died July 28 in a Danville Hospital.

Mrs. Ham served as President of the Woman's Auxiliary of the NCPhA in 1951-52 and she and her husband were well known throughout North Carolina and Virginia. Mr. Ham served as Chairman of the Institute of Pharmacy Building Committee and following his death, Mrs. Ham continued to support the Institute and his projects with liberal contributions.

Funeral services were held at the Yanceyville Methodist Church on July 30 with burial in the Yanceyville Cemetery.

Survivors include five brothers, four sisters, a daughter-in-law and a grandson.

OFFICERS ELECTED BY MORTAR AND PESTLE CLUB OF DURHAM

Officers of the Mortar & Pestle Club of Durham were installed at a meeting of the organization on July 30. They are:

Mrs. William V. O'Quinn, president; Mrs. W. P. Wells, vice president; Mrs. Ben Bullock, secretary; Mrs. F. A. Stovall, treasurer; Mrs. Hunter Kelly, historian; and Mrs. Floyd Goodrich, publicity chairman.

The purpose of the organization is to encourage women concerned with the profession of pharmacy to take an active interest in pharmaceutical affairs, to promote the advancement of the profession, and with the State's Woman's Auxiliary, to help wherever possible with the work of the N. C. Pharmaceutical Association, as well as render service in other needed areas.

UNITED STATES DEPARTMENT OF JUSTICE

Bureau of Narcotics and Dangerous Drugs
Washington, D. C. 20537

Due to the backlog of registration applications and the heavy demand for order forms resulting from the recent shift of amphetamines and methamphetamines to Schedule II, an extension of time is necessary in order to process this backlog.

The Bureau's extension on registration for practitioners, which was to expire on July 29, 1971, has now been further extended to October 1, 1971. This further extension means that:

1. *Pharmacists* may continue to fill practitioner's prescriptions for controlled substances without a registration number, provided they exercise professional judgement to ensure that the practitioner is legally authorized to practice and that the prescriptions contain the following statement: "Federal registration applied for on *date.*"
2. *Manufacturers* and *Distributors* may continue to sell Schedule III through V controlled substances to practitioners without BNDD registration numbers, provided they have checked authenticity of the purchaser and the following statement is placed on all orders: "Federal registration applied for on *date.*"

This extension, to October 1, 1971, also applies to the use of order forms for amphetamine and methamphetamine drugs and combination products. Registrants who have order forms in their possession *are required* to use them as of August 6, 1971, for the purchase of these drugs without regard to the extension period. However, registrants not having order forms will be permitted to purchase amphetamine and methamphetamine drugs without order forms until October 1, 1971, provided the supplier checks the authenticity of the customer and that he is authorized under state law to purchase the drugs.

The drugs Biphetamine, Biphetamine-T, and Fetamin have now been transferred to Schedule II, after the makers withdrew their requests for hearings. The effective date for the requirement of order forms, separate records, written prescriptions, and the non-refilling of prescriptions for these drugs is August 23, 1971. Registrants having order forms in their possession must use them to purchase these drugs as of August 23, 1971. Registrants not having order forms may purchase the drugs as outlined above until October 1, 1971.

All amphetamine and methamphetamine drugs that were required to bear the CRx symbol under the former Drug Abuse Control Amendments are now in Schedule II of the Controlled Substances Act, except for the drug Eskatrol. This drug remains in Schedule III pending a hearing set for August 16, 1971.

Physicians and pharmacies handling amphetamine and methamphetamine products transferred to Schedule II will be regarded as being in compliance with the security requirements of the Controlled Substances Act if they continue to comply with Schedule III security, which would include the dispersal of these drugs throughout their regular stocks. Schedule II security requirements for physicians and pharmacies will apply to these drugs as of October 1, 1971.

Proposed security controls for manufacturers and distributors were published in the Federal Register on Wednesday, July 21, 1971.

Registrants having any doubts should contact the nearest BNDD Regional Office before filling controlled substances prescriptions or orders.

Frederick M. Garfield
Assistant Director for Scientific Support

Pharmacists from Durham & Orange Counties will mount a broadly based Health Education Program on Diabetes and Venereal Disease this Fall. Officers of the Durham-Orange Pharmaceutical Association and Committee Chairmen (shown above) met recently to complete plans for implementation of the programs.

Front row, left to right: LeRoy Werley of Chapel Hill, Secretary-Treasurer; Fred Chamblee of Carrboro, President; and Gerald M. Stahl of Durham, Vice President and Program Chairman.

Second row, left to right: V. A. Shore of Durham, Member Executive Committee; David McGowan of Chapel Hill, Chairman of Special Projects; and Hunter Kelly of Durham, Member of Executive Committee.

PHARMACIST OFF DUTY IS CREATIVE DO-IT-YOURSELFER

Reprinted from The Robesonian, Lumberton, N. C.

By Courtney Sharpe-Ward

"He can do anything," beamed an enthusiastic former instructor of James Noah Tripp. The Noah is for both grandfathers and a great-grandfather.

When Jim Tripp does his thing it may be refinishing furniture, knitting sweaters, hooking rugs, crocheting afghans, making decoupage handbags or painting a portrait of a daughter.

This graduate in pharmacy from the University of North Carolina is a sports enthusiast and works off the day's annoyances by digging in his yard. Watching television, especially sports contests, provides the time for Tripp's varied activities, which include also chair caning and crewel embroidery. A handsome gay crewel work picture in the family room is a souvenir from "a snowy day."

Sewing and needlepoint which Jim hasn't attempted are accomplishments of the Missus—Katherine Sibley Tripp, his "Snookie." She's just putting the last stitches into a handsome great needlepoint bell pull.

"I have to do something while Snookie sews." With that Jim Tripp shrugs off his unusual productivity which has grown beyond items for family and friends to handbags for sale. "He sometimes is working on eleven decoupage bags at one time," says Mrs. Tripp.

NEVER BORED

There's little time for partying, movies or bridge in the Tripp's household. There's no time at all for boredom.

Tripp gives credit to Robesonian Flora Murph Bethune for awakening his interest in art. That was in a school near Sanford when he was a 5th grader. He painted a picture and it won first prize in a contest.

Mrs. Tripp was twelve when her father introduced her to the doing of needlepoint, taking her to the hobby shop of a department store. There's something in every room of the house showing how well she learned that art.

Mrs. Tripp is an "Air Force brat" from the Winifred (J. W.) Carter family in Maxton. She lived in many parts of the United States and several foreign countries, including three years in Italy.

The Tripps met in Maxton when she went into the drug store for a magazine story about the Kennedy assassination. He took up some of his many hobbies there where a pharmacist's work was not always demanding.

In Robeson there are many requests of a druggist for many oldtime outmoded prescriptions. Scarcely a day passes but someone asks for "takin' turpentine," though Tripp always suggests its been found not good to take internally.

The things the Tripps produce are not amateur productions. His knitting results in a pair of matching ski sweaters which involved four colors of yarn. Before Mary (13 months) arrived he knitted her a sweater and crib robe. His portrait of Anne (6) catches her personality as well as looks.

"We're old-fashioned," said Jim perhaps referring to their preference for fine antiques, that they plan ahead and make one acquisition at a time.

Tripp has taken art classes from both Jean Davis and Lillian Whiting of whom he's very appreciative. "Lillian doesn't push, but she brings out one's best. She taught me how to see a person and how to put it on paper."

Fishing and basketball are especial loves of Jim Tripp. He's learned many of his crafts from books from the library.

"There are so many things to do I can't waste a minute," smiled quite unhurried seeming Jim Noah.

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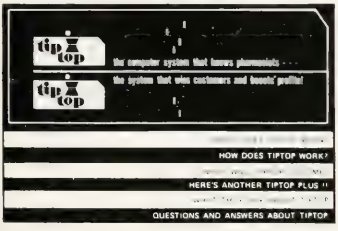

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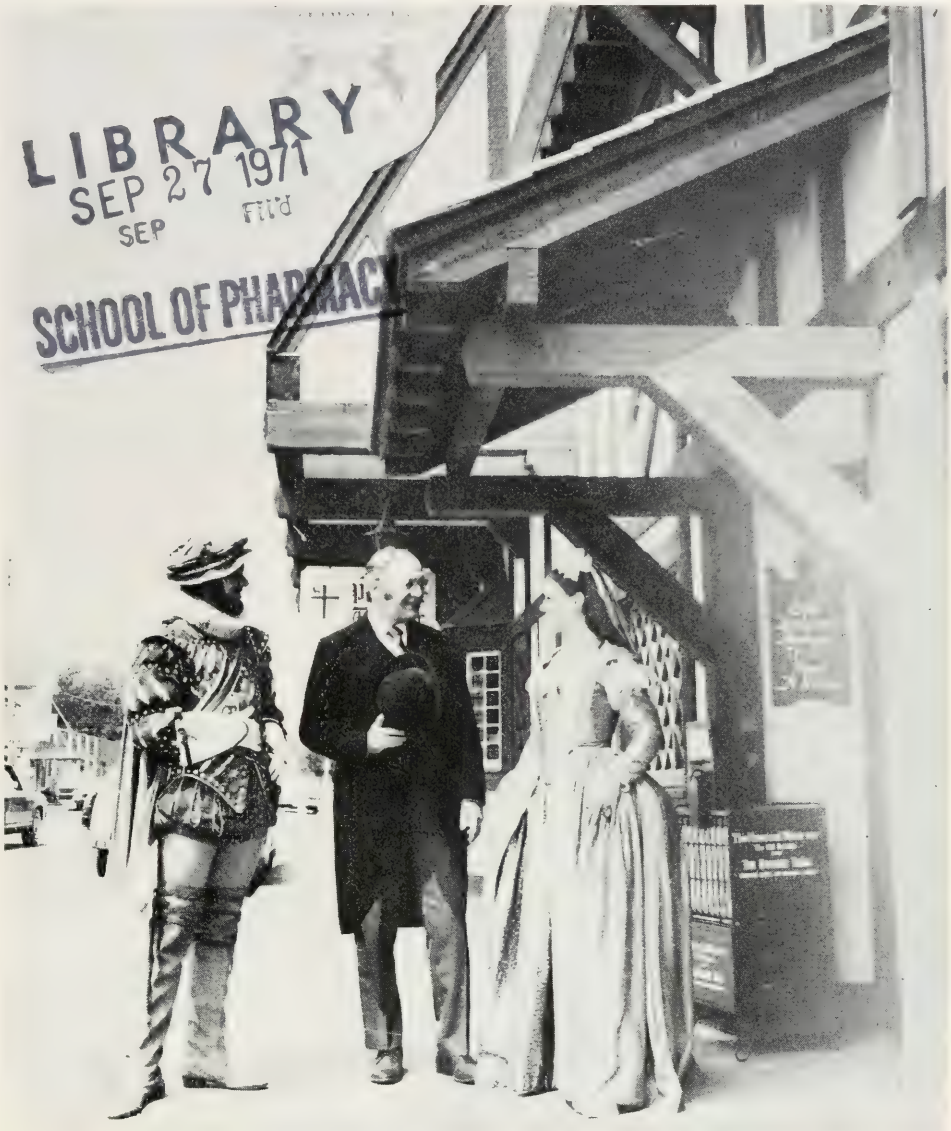
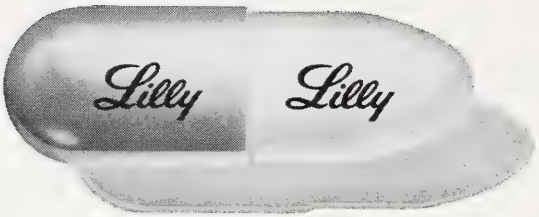


PHARMACIST FEARING GREETS LOST COLONY ELIZABETHANS

At the entrance of his Elizabethan-styled Apothecary Shop in Manteo, Pharmacist M. Keith Fearing is shown with two Lost Colony actors dressed for the 16th Century roles they play in the drama. They are Rita Ballard of Jacksonville, Florida, who plays the female lead of Eleanor Dare, and Ron Osborne of North Wilkesboro, who portrays the gallant Sir Walter Raleigh in the Paul Green drama. Fearing wears his last year's Centennial apparel for the picture. Fearing's Inc. was one of the first places of business in Manteo and on Roanoke Island to make expansions conforming with the style of architecture found in England from whence had come the first colonists who attempted to settle the New World, and then disappear to become the "Lost Colony."—Aycock Brown Photo.



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Sept., 1971

Vol. LII No. 9

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LT. (PHARMACIST) CRANFORD SAVES GUARDMAN'S LIFE

Quick thinking by Lt. (Pharmacist) Delbert Cranford of Asheboro saved the life of Asheboro National Guardsman Jimmy Dollyhigh.

Dollyhigh was struck by lightning at a National Guard field training exercise near Ft. Stewart, Georgia and the alert pharmacist put his first aid training to use by applying mouth-to-mouth resuscitation.

The lightning knocked Dollyhigh clear out of a tent which he was occupying at the time of the electrical storm. Lt. Cranford, after reviving Dollyhigh, kept him alive until fast-moving medics could fly him to the Post hospital.

NORTH CAROLINA PRESSES ANTIBIOTIC DRUG SUIT

According to press releases appearing in various papers, North Carolina, on behalf of 2.1 million citizens, goes to court (Minneapolis, Minnesota) on September 16 to press alleged price-fixing charges against five drug manufacturers.

This is the antibiotic case which was initiated several years ago.

During the latter part of August, representatives from the Attorney General's Office plus assistance from agents of the State Department of Revenue and others checked prescription files of 100 North Carolina pharmacies. The average Rx survey, as reported to the NCPhA, involved 10 to 12 hours for which the pharmacist will be paid at the rate of $5.50 per hour.

The NCPhA is preparing a policy statement for release to the press and to prescription customers, if and when needed. It has been pointed out that prescription customers will expect refunds from their family pharmacist, not from the Attorney General's Office.

PHARMACY STUDENTS HONORED AT KENANSVILLE DINNER

A dinner party at the Country Squire, Kenansville, on August 24, sponsored by the Lenoir County Pharmaceutical Society honoring pharmacy students and graduates, was attended by more than 60 pharmacists and guests.

Keynote speaker for the occasion was Pharmacist/Senator John T. Henley of Hope Mills, who was introduced by State Senator Charles Larkins, Jr.

Others appearing on the program included NCPhA President John C. Hood, Jr., Lloyd Whaley of Wallace, Mike Craven, Charles Pace and Walter Johnson, who presided.

The dinner was attended by pharmacists and guests from a 5-county area: Lenoir, Pitt, Greene, Duplin and Wayne Counties.

VENDOR PAYMENT DATA BY N. C. DEPARTMENT OF SOCIAL SERVICES FOR JULY, 1971

Service	*Occasions*	*Amount*
Inpatient	65,326	$2,756,463.78
Outpatient	19,752	294,503.23
Dental	14,[illegible]	545,878.50
Pharmacy	306,198	1,373,327.43
Physicians	84,051	1,239,803.39
Home Health	344	6,505.00
Mental Hospitals	98,172	183,981.21
Optical Supplies	6,624	169,723.92
Nursing Home	123,517	1,571,473.27
Total	714,374	$8,141,659.73

No cumulative totals—beginning new fiscal period July 1, 1971

OVERMAN & STEVENSON DISPENSES RX #2,000,000

Overman & Stevenson Drug Store, a part of life in Elizabeth City for 46 years, filled its two millionth prescription in July and announced a new prescription service for its customers, the Family Medication Record System.

The drug firm has been in the same downtown block and under the same management since it opened March 28, 1925. J. T. Stevenson and the late H. S. Overman were the pharmacists and owners. Pharmacists and co-owners now, along with Mr. Stevenson, are R. S. Bunn, A. E. Brothers, and Paul A. Stevenson.

"Prescription medication has become one of the greatest factors for good health," J. T. Stevenson said, "and to continue to provide the best in prescription service, Overman and Stevenson has instituted this new plan which is designed to be of benefit both to the customers and to their physicians."

TIRE FIRM ESTABLISHES RX PLAN

Employees of Kelly-Springfield of Fayetteville are now participating in a Medimet Rx Plan. Also eligible are the employee's family including children under 19 years of age.

The plan involves a $1.00 deductible paid by the employee; underwriter pays a $2.00 professional fee plus cost of medication.

A check in the Fayetteville area indicates the plan has been well received and a significant volume of prescription service generated.

RESPIRATORS NOW EXEMPT FROM STATE SALES AND USE TAX

Effective July 20, 1971, respirators were added to the list of appliances exempt from the North Carolina Sales and Use Tax.

Application for the exemption was initiated by Pharmacist Hal Reaves of Medical Center Pharmacy, Pinehurst. Following negative response by an Administrative Officer of the North Carolina Department of Revenue, Pharmacist Reaves contracted T. Clyde Auman, Moore County Representative in the N. C. General Assembly, who took the exemption matter up with the Revenue Department.

The exemption of respirators from the Sales and Use Tax Regulation was ratified on July 20, 1971, thanks to the efforts of Pharmacist Reaves and Mr. Auman.

The sales volume of respirators has been on the rise in recent years, particularly in the treatment of emphysema. On some models, the exemption represents a saving of $10 to $12.

CENTENNIAL CONTEST WINNER

Cary is celebrating its Centennial this year with a number of special events.

In the window display contest, named second place winner by the Centennial Judging Committee was Jim Boulden, a 3-5 UNC Pharmacy Student, an intern-extern program employee of Ashworth Rexall Drugs, Inc. of Cary.

WALKER COMMENDED

Tim Walker, pharmacist/owner of Tri City Drug Store, Eden, has received an award from the NARD in recognition of his work in drug abuse which has included writing a weekly series on the subject for The Eden News.

Quoting from *The Eden News*:

> "His (Walker's) hangup is with teenagers who may be hooked or on the way. And his pet subject is preventive talks on the drug scene to keep kids from copping out and trying an escape route via dope that can cause disillusionment and possibly death.
>
> "He says he's encouraged, even if hopefully, by results thus far. 'There's a lot of work going on here,' he says.
>
> "But from then on he keeps his fingers crossed and turns to serving the people first as a pharmacist and secondly, being ready to tell it like it is to youngsters who may want his help or who may ask his advice."

NARD ANNOUNCES TENTATIVE PROGRAM FOR NEW ORLEANS CONVENTION

The 73rd Annual Convention and Drug Show of The National Association of Retail Druggists to be held in New Orleans, Louisiana, October 10-14, 1971 at the Rivergate Exhibition Center and Convention Hall will have as its central theme: "The community's first line of defense in providing effective health care for all citizens lies in the efficiency of the independent retail pharmacist."

To explore the vast social, economic, educational, professional and legislative forces confronting the nation's independent retail pharmacists will be some of the country's foremost experts in these various areas of direct concern to the profession of pharmacy and its allied distributors.

Among the distinguished speakers who will address the convention will be: Senator Hubert H. Humphrey (D-Minn.); Representative Gerald R. Ford (R-Mich.), Minority Leader, United States House of Representatives.

Also Burton E. Beck, president, Eli Lilly & Co., W. H. Conzen, president and chief executive officer and director of Schering-Plough Corp., Dr. C. A. Hoffman, president-elect of the American Medical Association and Dr. Jack E. Orr, chairman, Executive Committee of The American Association of Colleges of Pharmacy and Dean of the College of Pharmacy, University of Washington in Seattle.

Also Arthur C. Neilsen, Jr., president, A. C. Neilsen and Co., Walter Cousins, Jr., editor, and Robert A. Leibson, director of market research, Drug Topics, John C. MacFarlane, president, Youngs Drug Products Corp. and Earl W. Kintner, NARD Washington Counsel, Washington, D. C., and Ed Wimmer, Vice President, National Federation of Independent Business, Inc.

Three special panel presentations will be presented during the Convention.

(1) "Controlled Substances Act of 1970." Participants in this panel are: George W. Worthen, Mississippi, moderator; Kenneth A. Durrin, chief, Compliance Investigations Div., Bureau of Narcotics and Dangerous Drugs, Washington, D. C.; William W. Vodra, Esq., Deputy Chief Counsel, Bureau of Narcotics and Dangerous Drugs, Washington, D. C.; Clifford E. Barnett, Idaho, 1st vice president, National Association of Boards of Pharmacy.

(2) "The Future of Third Party Prescription Payment and Community Pharmacists" William E. Woods, NARD Washington Representative and Associate Counsel, moderator; Joseph A. Higgins, project director, Social Security Administration Drug Task Force; Henry Spiegelblatt, Director, Division of Policy & Standards, Medical Services Administration (Medicaid), Dept. of HEW; Charles Pulido, vice president, Professional Relations, Pharmaceutical Card System, Phoenix, Ariz.; Richard S. Walsh, assistant vice president, Group Plans Div., Metropolitan Life Insurance Co., New York City.

(3) "Cosmetic Merchandising" by representatives of Revlon Inc.

Special presentations will include the NARD-Schering Outstanding Pharmacy Family of the Year Award; NARD-Merck Sharp & Dohme Outstanding Service to Society Award; and the NARD-Lederle Interprofessional Service Award.

The Women's Organization of The National Association of Retail Druggists will hold its meeting in conjuction with the NARD Convention.

Special entertainment features will include a concert by Al Hirt, internationally known trumpet player; Pete Fountain, eminent jazz clarinetist; a reproduction of the 1971 Mardi Gras presentation by the Krewe of Anubis (a special Mardi Gras pharmacy feature); a night on the town and a parade of authentic Bourbon Street entertainment.

Also there will be special entertainment features for the ladies including a boat trip and brunch on the Mississippi River, and a special luncheon.

The local sponsoring group is the Louisiana State Pharmaceutical Association.

Post convention trips will include a seven-day Caribbean cruise or an 8-day 7-night Mexican trip to Mexico City and Acapulco.

AUGUST DISASTERS

Boiling Springs Drug Company, Boiling Springs, burglary. Loss consisted of cash, cigarettes, and several watches. It was reported that no drugs were missing.

Stonestreet Drug Company, Kernersville, burglary. Entry gained through air conditioning system which enters the building from the roof. In addition to cash, merchandise consisting of watches, radios, and cigarettes was taken.

Revco Drug Store, 405 Eastway Drive, Charlotte, burglary. Loss was reported at more than $4,000 plus a quantity of narcotics. Entrance was gained by cutting a hole in the roof.

Harris-Teeter, Charlotte, fire. Extensive damage reported with 60 firemen and seven trucks involved in fighting the fire. Dense smoke covered parking lot of shopping center in which store is located.

Honeycutt's Pharmacy, Raleigh, burglary. Assorted drugs taken in a break-in at the pharmacy.

Oak Park Pharmacy, Raleigh, burglary. Taken in a break-in: 200 cartons of cigarettes, stamps, watches and cash.

Boonville Pharmacy, Boonville, burglary. Safe emptied in a break-in. $480 in cash taken along with coins, drugs and valuable papers.

Medical Center Pharmacy, Smithfield. Police captured Michael Angelo Sanders of Washington, D. C. after he had broken into the pharmacy. An alert neighbor, who heard the sound of breaking glass, notified police. Pharmacist Marshall Sasser reports nothing missing from the pharmacy.

NCPhA PRESIDENT'S ADVISORY COUNCIL MEETS—Members of the Council are pictured, seated left to right: Sam W. McFalls of Greensboro, W. T. Boone of Ahoskie, NCPhA President John C. Hood, Jr. of Kinston, Hoy A. Moose of Mt. Pleasant and W. Dorsey Welch, Jr. of Washington. Standing, left to right: B. R. Ward of Goldsboro, Edwin R. Fuller of Salisbury and Sandy Griffin of Burlington.

The Council, meeting in Chapel Hill on August 25, discussed 16 subjects with recommendations referred to the Association's executive committee (meets Sept. 29).

Significance of the sign, which the Council previewed, is that increased control over the Association's parking lot was underway at the time the Council met.

TAR HEEL DIGEST

PRINCETON—B. Paul Woodard, pharmacist and former state representative, has been named chairman of a membership drive to be conducted in September by the Johnston County Mental Health Association. The campaign goal is 500 memberships. The association's projects include CONTACT, a community telephone ministry service scheduled to begin operations this winter. The association also plans to expand its services in many areas after the opening later this year of the new mental health clinic adjacent to Johnston Memorial Hospital.

CHARLOTTE—Edward O'Herron, Jr., chairman of the board of directors of Eckerd's, is chairman of the Billy Graham Day Committee, with responsibility for planning a Charlotte tribute which will bring friends of Billy Graham from all over the world, including President Nixon.

BELMONT—College Park Pharmacy, with W. N. Thrower, Jr., pharmacist/manager, opened last month in the College Park Shopping Center, McAdenville Road, Belmont.

PHOENIXVILLE, PA.—Capt. Ben P. Daughtry, medical material staff officer of the Air Force Medical Material Field Office, U.S. Air Force Surgeon General's Office, has been admitted to the American College of Hospital Administrators.

Capt. Daughtry is a graduate of the UNC School of Pharmacy and holds a master's degree in business administration from Inter American University, Puerto Rico.

LUMBERTON—Gene Hackney, North Elm Pharmacy, has been elected to the board of directors, Lumberton Chamber of Commerce.

KERNERSVILLE—Johnny Pinnix III will head up the Business Division campaign of the forthcoming local United Fund campaign. Pharmacist Pinnix is Kernersville's mayor pro tem.

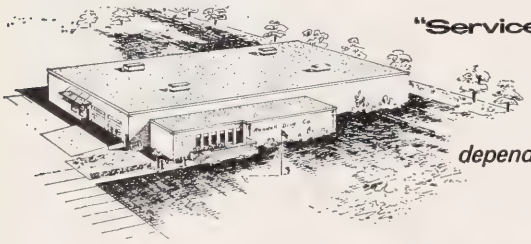
JOHNSON ELECTED PRESIDENT OF ONSLOW PHARMACEUTICAL SOCIETY

Officers of the Onslow Pharmaceutical Society were elected at the August meeting of the organization held in Jacksonville.

The officers are W. Ray Johnson, III, president; Joseph Zambito, vice-president; Joseph Jarman, secretary; Gene Herring, treasurer; and Thomas H. Jones, publicity chairman.

Major project of the organization for the current year will be to inform the public of the way a professional pharmacy operates.

Fred Parker is the immediate past president of the Onslow Pharmaceutical Society.



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SILER CITY PHARMACIST RELATES PERSONAL EXPERIENCES IN HELPING LOCAL COMMUNITY AVERT DRUG CRISIS

by W. Joe Davis, III
Creative Services Associates, Raleigh

The drug crisis continues to be one of the chief concerns of cities across the nation. Any idea that it is only a fad, destined to vanish with the next generation of young, is erroneous and misleading. What started out to be a phenomenon of our large cities has progressed to plague many of our smaller communities. One such community is Siler City, N. C., population 4,689. It recognized a drug problem among its youth over 18 months ago, tried to come to grips with it, but finds that illegal drugs have such deep roots that an alert and constant vigil is required to control its epidemic-like tendencies.

This reporter was sent to Siler City to interview Frank G. Brooks, pharmacist and father of four, who found himself suddenly embroiled in an effort to stop the spread of illegal drugs in his community. Known affectionately as "Yank," Frank Brooks has practiced pharmacy at his Siler City Drug Company store for over 25 years. His being a pharmacist no doubt helped prepare him for his eventual leadership in the town's recent drug crisis.

The story of the Siler City crisis represents how one small town with concerned and responsive leadership has met and is continuing to meet the pressure of narcotics upon youth. Other communities should take note, and potential leaders in the assault on drugs should read carefully the experiences of Frank Brooks as he relates them in the following account.

Like many middle to upper-middle class professional people, especially those in small towns, Yank Brooks suspected that the epidemic of illegal drugs which has been publicized nationally for several years, now, would fade away before it became a problem in his community. He was dead wrong. Now that he has become more familiar with the drug problem Yank cautions that drugs are not a fad, but rather a continuing peril to our youngsters. "It's like a war. Just when we thought we had it won and eliminated the threat from Chatham County, we found that we had only won a significant battle. The war on drugs, we found, rages on. It may never be won entirely."

To date, Yank has made 64 talks on the drug problem in Chatham County to students, civic clubs, parents, and church groups. His largest audience was an assembly of some 650 students at Jordan-Matthews High School, and his longest talk lasted nearly three hours.

Of great importance to drug-oriented youth is their need for trust and total confidence in someone outside the home, school, or law enforcement agencies. As these youths first begin using drugs, many of them need someone they can place complete confidence in for advice and help. If no one in the community exists at this level, they are likely to fall deeper and deeper into the depths of drug dependency. Yank explained that at the outset of his involvement with the youth drug problem in Siler City, he understood the importance of gaining the kids' "confidences." Any information Yank may have gained through his privileged association with local youth is always held just that way—"privileged."

In Siler City, as in many smaller towns, people think that if they ignore a problem, it'll go away. Probably the biggest single hurdle Yank found in his early involvement with drugs and kids was trying to make the parents of these kids realize that there, indeed, was a problem—a huge problem. Yank now feels, however, that Siler City has cleared this hurdle, especially since parents have been requesting more and more consultations and talks on the subject.

Another special situation Yank found which contributed to poor communication between parents and children is the propensity of some parents to badger their children into giving names of drug abusers among their own crowd. "Nothing turns a kid off like feeling that he's squealing on his buddy," Yank says.

(Continued on Page 12)

Siler City Pharmacist

Since Yank has shown an interest in the youth of his community through the years, it was not too shocking, when at a county-wide Student Council Assembly, he was asked to make a talk on drugs to Chatham County high school students. They wanted someone who they felt had a genuine interest in them, rather than having an outsider come in. "On many occasions," Yank offered, "the wrong people end up talking to students about drugs. Students often sense that these people don't really care that much, and sometimes they are right. I was glad to accept their invitation to speak, although at that time I had never before talked on drug abuse, except at rap sessions."

Yank first tried to convey to the Student Council members after accepting their speaking offer that he would be free anytime of the day or night if anyone ever needed him. He recounts that within 2 to 3 weeks after making that statement about 20 students did call on him to help them with their special problems—such problems as "so-and-so is giving pills away and I don't know what I should do," or fictitious problems which were obviously concocted just to see if Yank would honor confidences. "I was on trial," Yank offered, "but the important thing is that these kids soon learned they could place deep trust in me and knew that I would be available anytime they needed me for advice or just as someone who'd listen to them when they needed an ear."

As his involvement deepened, Yank went to nearly every classroom in the Chatham County school system to rap with the students about drugs. To show the students that he was deeply interested in his topic and also to create a greater impact on his various audiences, Yank made posters illustrating certain points that he felt were of special importance. He has made some 75 posters to aid in these presentations. "In my talks, I always try to picture just one side of the drug problem—the bad side. I try to give the real story of drug abuse. I stress that what the drug addict or drug pusher says is a lie, and what I tell them might not look or sound pretty, but it's true."

Yank found that he made his most effective talks when both parents and their children listened together. "It seems to open the door of communication that may have been closed before," Yank advised. "Although we as parents must face up to the generation gap, there is no need for a communication gap."

Kids are a highly impressionable lot. The younger they are, the more gullible they tend to be. These characteristics lead to probably the biggest problem with drug abuse among kids—"the peer problem." Most adults seldom realize how much pressure is put on kids by their peers. The drug pusher is not the astracized character he is often depicted as being. Rather, he is often a leader. And the pressure to follow the wishes of the leader, or the gang, is sometimes insurmountable to our youth. If this pressure leads to the use of illegal drugs, a problem begins to develop.

The best chance to stop this tug-of-war within the student rank-and-file lies with the kids themselves. Somehow, this peer pressure must be reversed, and the kids through organization and pulling together must find a way to encourage such a reversal among themselves. Yank felt that a positive approach to help straight kids stay straight should be utilized—it must be made "the thing to do" for these kids to stay away from drugs.

The way Yank helped to accomplish the reversal of such peer pressure in Siler City is quite subtle. He used what amounted to scare, or shock, tactics in order to bring about a new force of "positive" peer pressure, although at no time during the town's drug crisis did he mislead the kids about the inherent danger of continued drug use.

As he told the story, weekend pot parties were getting out of hand among Siler City high school youths. A few kids were becoming irreversibly involved in the use of drugs. Many others were being introduced to various forms of the illegal stuff each week. Finally, something had to be done.

School officials allowed Yank to make what will probably prove to be his most important talk during the local drug crisis. That

day during the Spring session of school, Yank addressed over 650 students at Jordan-Matthews High School. His approach was to "lay it on the line" and to "sound the alarm right then and there." He challenged them to clean up the drugs in ten days, or else. Though he gave no names, Yank told them about the suitcase shipments of drugs he was aware of, the pot party weekends the kids had been having as well as the locations of these parties. "If I know this much," Yank continued telling them, "think how much more a trained narcotics agent knows. Some of you are going to get caught if you don't straighten up. The net is going to ensnare the drug violators, and there's going to be no turning back."

"Many of the kids thought I was bluffing at first," Yank said, "so I told them about the traffic pickup points, methods of shipments, the prep school boy who supplied drugs to the kids, the shipment coming in from Southern Pines, and other shipments from schools back east. I really laid it on the line, although I never divulged a single name. A last, they knew I wasn't bluffing."

The force of peer pressure began shifting at that student gathering. Right then and there it became gauche not to go straight, from both the fear of getting caught themselves and the feeling that they were helping to prevent others from getting caught or messed up with drugs.

When the students returned to classes that day, many teachers held an open discussion about what could be done. The kids knew something had to be done because they all knew about the big raid on drug pushers recently conducted by narcotics agents in eastern North Carolina. It was only a matter of time before the net would fall on them, too.

That very night, 40 to 50 cars gathered at the old airport and the kids burned all the marijuana and other drugs that they could locate. Within 7 days the school was 95% clean. A major drug crisis had been averted in Siler City and Chatham County, and a new positive peer pressure was being exerted by student leaders.

The last hour of classes following Yank's speech was devoted to making posters about the ills of drug misuse. They were put up in the halls and classrooms and left throughout the remainder of the school year. One poster which was hung over the principal's office read, "If you get busted don't blame Yank, blame yourself."

Another offshoot of this new positive peer pressure came shortly after Yank's talk at Jordan-Matthews. Several 8th graders at Silk Hope Elementary School brought up the idea to make a film, complete with sound, for elementary-level students. With Yank's assistance such a film was made and will be available this Fall. The effort on the part of these 8th graders was especially noteworthy because it spelled out a problem few people recognize—that elementary aged children are, also, confronted with the choice of using drugs. Consequently, Yank feels that drug abuse education should begin with 5th or 6th grade pupils before these children are adversely influenced by drug experimentation.

Recognizing the need to start drug education in the elementary levels, Yank sponsored a poster contest through his drug store for 6th, 7th, and 8th grade students in Chatham County. The more than 700 posters entered in this contest signify the interest that these youngsters have in the drug subject and indicate their already developed ideas about drugs.

With all the work and effort Yank has volunteered in dealing with the drug crisis in Siler City, he has been threatened by letter and telephone to tend to his own business. His fifteen year old daughter, however, has her own views about her Dad: "If Dad wasn't doing any good, he wouldn't be getting this static."

Yank's efforts have, indeed, been effective. As a result of this effectiveness, Campbell College at Buies Creek, North Carolina, has invited him to speak to their own student body in October about youth and drugs.

Yank's own feeling about why he was able to be as effective as he was during the past 18 months is that "the kids knew me and believed what I said." He went on to say that it is most important for a county to have at least one individual to take on the responsibility of working on a confidential level with the youth to advise and to take

(Concluded on Page 14)

Siler City Pharmacist

an active part in guiding them where needed. "However, control of the use of drugs has to go back to the kids themselves," Yank said. "They have to lead themselves down the straight path. The right individual can succeed in influencing this control of illegal drugs in his county if he is able to demonstrate his sincere, unyielding interest and concern in the local youth, and if he does not represent a threat to these youngsters—a threat such as is posed, in most cases, by authority-wielding parents, school officials, and police. But the trick is to reverse the peer problem, if one exists, and make it popular to stay straight rather than yielding to the pressure of the gang."

Yank feels that if an individual helps even one person stay off drugs, then his effort has been worth it. "I can cite at least 9 or 10 kids I believe I have kept off drugs. However, one thing is quite clear to me now," Yank concluded, "what I initially thought would be a single, short-lived battle to clean up our local drug problem is, unfortunately, no such animal. Drug abuse among our youth is proving to be a continuous fight in Chatham County and elsewhere, and we must be prepared to keep up the skirmish as long as the future of our kids is in jeopardy."

JORDANS HAVE LAKE-SIDE HOME

The August 2 edition of The McDowell News of Marion featured the James Lake home of Pharmacist and Mrs. Bill Jordan. Bill is co-owner of the Service Pharmacy, Marion.

The Jordans purchased the lake site several years ago and shortly before Christmas, 1969, they moved into their newly constructed home.

Inspector Davis of the State Board of Pharmacy plans to move his family to same area (Nebo) as soon as their Chapel Hill home is sold.

New officers of the Onslow Pharmaceutical Society of Jacksonville are pictured, left to right: Joseph Zambito, Vice-President; Fred Parker, Past President; Ray Johnson, President; Gene Herring, Treasurer; Joseph Jarman, Secretary; and Tom Jones, Publicity Chairman. Photo by Jacksonville Daily News

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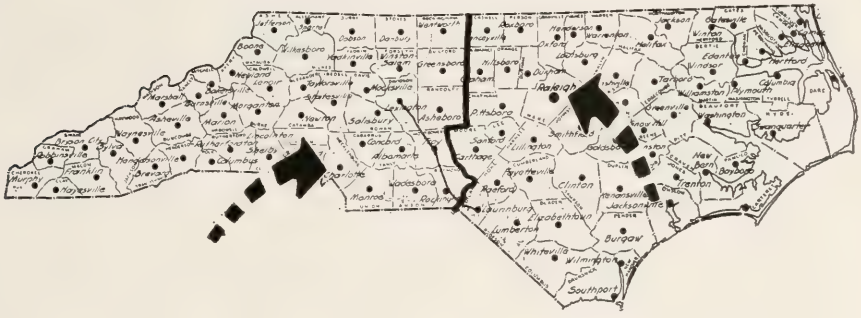

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Donald J. Miller

Donald J. Miller, President-Elect of the North Carolina Pharmaceutical Association, has an outstanding record in his profession and as a community and civic leader.

A native of Raleigh and a graduate of Needham Broughton High School, Mr. Miller served as a page in the N. C. General Assembly for three sessions and was chief page the last session. Then followed a scholarship at UNC and a BS in Pharmacy in 1957.

At UNC he was President of the Pharmacy Student Body, president of Kappa Psi and a member of two top honorary societies—Order of the Grail and Order of the Old Well. In 1957 he served as president of the APhA Student Branch and presided over the national meeting in New York that year.

He was commissioned an officer in the U. S. Air Force and as unit commander and pharmacy officer of the 56th USAF Dispensary, 56th Fighter Group, Air Defense Command, served at O'Hare International Airport in Chicago and at Selfridge Air Force Base in Detroit.

Following military service, he became associated with Eli Lilly Company as a MSR in Orlando, Florida and later as a special government representative for Lilly in Washington, D. C.

In 1963 he established Miller's Pharmacy in Morganton and since that time has added a second unit in a shopping center on the west side of Morganton.

His professional, business and religious record in Morganton is an extensive one and his Association activities are impressive.

As chairman of the Association's Public Health and Welfare Committee, he has contributed to the development of North Carolina's $14 million Social Services prescription program and as a member of the Association's Executive Committee, works constantly for the upgrading of North Carolina Pharmacy.

Installation of Mr. Miller as President of the NCPhA will take place in Wilmington on April 18, 1972 at the conclusion of the 92nd annual meeting of the NCPhA. He will succeed the current president, John C. Hood, Jr. of Kinston.

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A 28½-minute color motion picture produced for the Pharmaceutical Manufacturers Association has been released for showing on television and to general audiences nation-wide.

"Mr. Galen Comes To Town," made on location in Hollywood, combines entertainment with pertinent and timely information about modern advances in drug therapy.

The main character is the ancient Roman physician, Galen of Pergamum, who is projected into the 20th Century. Portrayed by the distinguished character actor, Henry Jones, Galen encounters the panorama of people and institutions that make up the system under which modern-day medicines are discovered, produced and used. About half of the action takes place inside a community pharmacy in a small New York town, with Regis Toomey in the role of a pharmacist.

"It is a human, sometimes humorous, low-key introduction to the pharmaceutical industry and what it means to mankind," said C. Joseph Stetler, president of the PMA.

Stetler estimated that six million people would see the picture via showings on approximately 150 television stations alone during the next 12 months. The audience is being expanded by making prints available to every variety of audience, including school, club, church and other groups.

Request (including television) for free bookings should be addressed to:

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MEMORIAL TO MRS. HAM

Recent contributions to the Institute/Endowment Fund included a memorial to the late Mrs. T. J. Ham of Yanceyville. The J. C. Jacksons and the E. W. Hackneys of Lumberton were the contributors.

NATIONAL PHARMACY WEEK TO COMBAT VENEREAL DISEASE

National Pharmacy Week will be observed October 3-9 with a major public health effort by pharmacists to combat the venereal disease epidemic.

"... there is no question but that the profession of pharmacy can assume a vital role in ... eradicating venereal disease," the American Pharmaceutical Association's Committee on Public Affairs reported. "The disease is on the ascendancy in this country, with estimates projecting that almost 2 million people will be infected."

Accordingly, National Pharmacy Week 1971 will be devoted to a campaign on venereal disease education, prevention and treatment. To assist pharmacists in their efforts, APhA offers an NPW kit of materials all carrying out the theme of "V.D.—Voluntary Disaster." Included in the kit are visual aids, a news release, editorial, proclamations for governors and local officials, radio and television announcements and a ready-to-use speech.

Kits, at $3 each, should be ordered from the Order Desk, APhA, 2215 Constitution Avenue, N.W., Washington, D. C. 20037. Orders under $20 must include payment.

Stressing the pharmacist as a source of information on the education, treatment and prevention of venereal disease, the NPW kit makes these points:

—It is estimated that last year more than 2 million Americans were treated for VD. It is feared that this figure will continue to climb in 1971. In all, four Americans are being infected every minute.

—Young people under 25 years of age account for more than half of all cases of infectious venereal disease in the United States.

—Incidence of gonorrhea reached an all time high last year, with an estimated 2.3 million cases—up 16% over the previous year.

—Incidence of infectious syphilis, although on the decline earlier in the past decade, is on the rise again, with an estimated 81,000 cases treated last year.

—Since 1900, syphilis has taken the lives of 3 million babies and 1 million adults in the United States. During the same period, the various forms of syphilis claimed the lives of 100 million people throughout the world. In contrast, the frightful bubonic plague that struck Europe in the 16th century killed 25 million people.

Television slides and announcement copy will be mailed to major television stations directly by APhA. Announcement materials also will be sent to many of the Nation's radio stations. Pharmacists wishing to make personal deliveries of these materials should contact the APhA Communications Division.

AMPHETAMINES

According to the Charlotte Observer, Mecklenburg County physicians passed a resolution July 20 opposing the use of amphetamines for weight control. A check with 10 local pharmacies indicated that most doctors took the resolution seriously.

"Most doctors aren't using amphetamines like they used to," said one pharmacist who said he had noticed little difference in amphetamine prescriptions since the medical society action. "A lot of doctors had already decided to stop using amphetamines for weight control," said another, who had noticed a decrease for several months.

According to the news report "some doctors have even called pharmacies to cancel all outstanding amphetamine prescriptions."

DR. COCOLAS SPEAKS TO CHEMISTS

Research aimed at development of new drugs which are more specific in use with fewer side effects was discussed by Dr. George H. Cocolas of the UNC School of Pharmacy at the Twenty-third International Congress of Pure and Applied Chemistry held in Boston.

Dr. Cocolas presented a paper entitled "Molecular Complementariness at the Muscarinic Receptor." The study deals with how a drug's action may be caused by acting as a complement to target areas on an enzyme and muscle tissue in the course of nerve transmission and muscle reaction.

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Important Therapeutic Considerations

(a) Larodopa (levodopa) is not curative and its mechanism of action is unknown, though postulated.

(b) Long-term safety and efficacy for Larodopa have not been established.

(c) Accurate diagnosis is imperative since there is no evidence that Larodopa is effective in neurological diseases other than Parkinson's disease and syndrome.

(d) About one-third of patients or more will not experience clinical improvement on Larodopa, and virtually 100% of patients will experience side effects of some degree.

(e) The dose of Larodopa producing maximal improvement with tolerated side effects must be *carefully titrated for the individual patient.*

(f) Finally, there is no evidence that early treatment with Larodopa, while possibly controlling symptomatology, alters the course of the disease.

Before prescribing, please consult complete product information, a summary of which follows:

BECAUSE OF THE HIGH INCIDENCE OF ADVERSE REACTIONS AND THE NECESSITY FOR INDIVIDUALIZING THERAPY, THE PHYSICIAN SHOULD THOROUGHLY FAMILIARIZE HIMSELF WITH THE INFORMATION IN THE PACKAGE INSERT BEFORE INSTITUTING THERAPY WITH LARODOPA. ACCURATE DIAGNOSIS IS IMPERATIVE BECAUSE EVIDENCE IS LACKING THAT LARODOPA IS EFFECTIVE IN NEUROLOGICAL DISEASES OTHER THAN PARKINSON'S DISEASE AND SYNDROME.

ADEQUATE CLINICAL AND LABORATORY FACILITIES SHOULD BE AVAILABLE FOR PROPER MONITORING OF TREATMENT.

THE LONG-TERM SAFETY AND EFFICACY OF LARODOPA HAVE NOT BEEN ESTABLISHED.

Indications: For the treatment of Parkinson's disease and syndrome. Useful in relieving many of the symptoms, particularly rigidity and bradykinesia; frequently helpful in management of associated tremor, dysphagia, sialorrhea and postural instability.

Contraindications: In patients for whom a sympathomimetic amine is contraindicated; in patients receiving MAO inhibitors (the latter should be discontinued two weeks prior to initiating therapy with Larodopa); in patients with clinical or laboratory evidence of **uncompensated** endocrine, renal, hepatic, cardiovascular or pulmonary disease; with narrow angle glaucoma and blood dyscrasias; in patients with known hypersensitivity to levodopa.

Warnings: Long-term safety and efficacy not established. Administer with extreme caution to patients with bronchial asthma or emphysema who may require sympathomimetic drugs; to those with active peptic ulcer (in facilities equipped to treat gastrointestinal hemorrhage); in patients with psychoses or severe psychoneuroses. Initiate therapy with extreme caution and in proper treatment facility in patients with a history of myocardial infarction who have residual atrial, nodal or ventricular arrhythmias. Monitor all patients for development of mental changes, depression with suicidal tendencies, other serious antisocial behavior. Carefully consider concomitant administration of pyridoxine hydrochloride (vitamin B_6); oral doses of 10 to 25 mg have been reported to rapidly reverse the antiparkinson effects of Larodopa. In pregnancy, weigh potential benefits against possible hazards. Do not use in nursing mothers. Safety of Larodopa in children under age 12 not established.

Precautions: During extended therapy, periodic evaluations of hepatic, hematopoietic, cardiovascular and renal function recommended. In diabetic patients, control may be adversely affected; careful, frequent monitoring and proper adjustment of antidiabetic regimen required. Patients with chronic wide angle glaucoma may be treated cautiously provided intraocular pressure is well controlled and patient is monitored carefully. Monitor carefully patients receiving antihypertensive agents or psychoactive drugs concomitantly, or those with history of convulsions. If general anesthesia is required, discontinue Larodopa (levodopa) 24 hours prior to surgery; monitor cardiorespiratory functions carefully. Patients who improve on Larodopa therapy should resume normal activities cautiously. May be used concomitantly with other antiparkinson drugs with possible reduction in dosage of each.

Adverse Reactions: *Most frequently occurring:* nausea, anorexia, emesis, cardiac irregularities, orthostatic hypotension; choreiform, dystonic and other adventitious movements; dizziness, sedation, dyskinesia; psychiatric symptoms such as agitation, anxiety, confusion, depression, hallucinations, delusions, insomnia, nightmares, and mental changes including paranoid ideation and psychotic episodes. *Less frequently occurring* and listed according to system: *psychiatric*—suicidal tendencies, increased libido with serious antisocial behavior, euphoria, lethargy, stimulation, fatigue and malaise, dementia; *neurological*—ataxia, convulsions, faintness, impairment of gait, headache, increased hand tremor, akinetic episodes, torticollis, trismus, oculogyric crisis, weakness, numbness, bruxism; *gastrointestinal*—constipation, diarrhea, epigastric and abdominal distress and pain, flatulence, eructation, hiccups, sialorrhea, difficulty in swallowing, bitter taste, dry mouth, tightness of mouth, lips or tongue, duodenal ulcer, gastrointestinal bleeding, burning sensation of the tongue; *cardiovascular*—nonspecific ECG changes, palpitations, hypertension, flushing, phlebitis; *hematological*—hemolytic anemia (1 case); *dermatological*—sweating, edema, hair loss, pallor, rash, bad odor; *musculoskeletal*—low back pain, muscle spasm and twitching, blepharospasm, musculoskeletal pain; *respiratory*—feeling of pressure in the chest, cough, hoarseness, bizarre breathing pattern, postnasal drip; *urogenital*—urinary frequency, retention, incontinence, hematuria, nocturia, and one report of interstitial nephritis; *special senses*—blurred vision, diplopia, dilated pupils, activation of latent Horner's syndrome; *other*—fever, hot flashes, weight gain or weight loss.

Nausea, anorexia and vomiting usually obviated by temporary dosage reduction and/or administration with food. If cardiac arrhythmias occur, discontinue and institute other antiparkinson therapy. Reduce dosage when involuntary movements occur.

The following have been noted: elevation of BUN, SGOT, SGPT, LDH, bilirubin, alkaline phosphatase or PBI; occasionally, reductions in WBC, hemoglobin and hematocrit; elevations of uric acid with use of colorimetric method but not with uricase; rarely, positive Coombs test; dark sweat and urine.

Dosage and Administration: Because of the strong possibility of adverse reactions and the necessity for individualizing therapy, the physician should thoroughly familiarize himself with the information in the package insert before instituting therapy.

How Supplied: *Tablets,* pink, scored, containing 0.25 Gm levodopa (imprinted Roche 57) or 0.5 Gm levodopa (imprinted Roche 56)—bottles of 100 and 500.

Capsules, containing 0.25 Gm levodopa (pink and beige, imprinted Roche 55) or 0.5 Gm levodopa (pink, imprinted Roche 54)—bottles of 100 and 500.

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ABBOTT

WATAUGA FARMERS TRY A NEW CROP—CATNIP

By Arlene Edwards
Winston-Salem Journal

There is a new crop being cultivated in Watauga County that is as old as the hills it is being grown on.

The crop is catnip, an aromatic herb that has beein turning cats on and has been used to treat every human ailment from colic to bad colds for a lot longer than anyone can remember.

Up to now, catnip has grown wild, like the weed it is, and anyone wanting to make medicinal tea from its leaves had to scour the hillsides for them.

This summer, however, there are at least a dozen Watauga farmers who are petting small plots of the tall gangly weeds with assorted fertilizers and herbicides and keeping track of every leaf that droops.

The farmers are growing the catnip for Wilcox Drug Co. in Boone with the help of the county's agricultural extension service and its Raleigh experts.

The drug company handles about 100 roots and herbs—5 million pounds of them—each year, rounding them up in 38 states.

Many of the items—witch hazel leaves, for example—are prolific enough in the wild to meet the demand, but others are scarce and getting scarcer.

Wilcox packages catnip for the nation's major suppliers of pet accessories and has, until now, been buying it from people who pick it wild in North Carolina, Virginia, West Virginia, and "as far as Michigan."

Kenneth Wilcox, who initiated the experiment, has assured Watauga farmers that he can find a market for all the catnip they can raise on 45 to 50 acres.

And that's quite a bit of catnip.

Dr. William Fike, an extension service specialist in new field crops, estimates that a carefully tended acre will produce about 25,000 pounds of green catnip.

Drying down the catnip for sale cuts the weight by 75 and 80 per cent, however, leaving only 4,000 to 6,000 pounds for sale.

But Wilcox has agreed to pay 30 cents for each dry pound—which amounts to between $1,200 and $1,800 an acre.

The farmers who are raising experimental patches this summer agree that this is a "pretty good" return for a crop that requires no more work than their catnip has required this summer—plowing once or twice with a mule and hoeing a time or two.

The farmers and the extension folks took a whirlwind tour last week of catnip patches that are ready for harvesting on seven Watauga farms—Hubert Whitley's, Dallas Richardson's, Sam Shull's, John Church's, Leonard Presnell's, Fred Trivette's and Jessie Moore's.

They paused at each long enough to talk about how:

—Catnip is usually found growing wild in areas where sheep have been raised.

—People gathering it in the wild have accidentally contributed to its scarcity by cutting the stalks too close to the ground and killing the plant.

—Seed costs about $18 a pound which sounds expensive until you realize that some seed costs more than that per ounce.

—The wild plants that 76-year old Leonard Presnell gathered on his farm last spring and then "set just like tobacco" under a weeping willow tree behind his house were taller than the ones the other farmers transplanted from Jessie Moore's seed beds.

Fike, who is an associate professor in crop science at North Carolina State University, does not, by any means, have all the answers for the questions the farmers are raising about their new crops.

And neither do the laboratories that are supposed to help him provide them.

A farmer, Fike says, will have some plants that are dying and will ask him "what's the matter?"

"You take it back to the disease clinic," he continued, "and nobody knows what's wrong with catnip."

One as yet unanswered question was asked repeatedly during last week's tour of the patches that were literally buzzing with bees.

"I wonder what catnip honey is going to taste like?"

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NCPHA COMMITTEES IN ACTION

COMMITTEE ON PUBLIC RELATIONS

The Committee on Public Relations of the N. C. Pharmaceutical Association, meeting in Chapel Hill on September 7, discussed PR plans for the year.

Members present for the meeting were Frank Yarborough of Raleigh, Chairman; Marsha Hood Brewer of Pink Hill, Robert H. Seaborn of Raleigh and LeRoy D. Werley, Jr. of Chapel Hill. David Work attended the meeting on invitation of the committee.

The committee will publicize National Pharmacy Week (Oct. 3-9) directly to the membership and with special mailings to the organized pharmaceutical societies of the state. Kits of supplies will be available from the NCPhA and a number of releases will be mailed to the newspapers of the state.

Details of the M. B. Melvin Memorial Award were discussed. The award will be presented to the local pharmaceutical organization for best PR program during the year. Forms to be supplied the local group and entries with documentation to be mailed to NCPhA Office by April 1, 1972.

A special citation for NCPhA members who are responsible for the saving of a person's life (see page 4). Governor's press secretary will be contacted to ascertain if Governor will be interested in presenting certificate.

David Work discussed the North Carolina Antibiotic Antitrust Case and its pharmacy implications. A suggested press release, if and when needed, was prepared and presented by Dr. Work. Settlement of the case may come any day or may be in the courts for years.

CONSOLIDATED PHARMACY FUND

The NCPhA Consolidated Pharmacy Fund Committee, meeting in Chapel Hill on September 8, reviewed a financial report which indicated that a total of 617 loans had been made to pharmacy students since the loan fund was established.

Mrs. Carolyn Augustine, committee secretary, reported cash received $33,444.51; loan total $71,027.53 and loan repayments $43,953.22. For the calendar year 1970, 85 loans were made.

The committee reviewed the loan application form, which has been revised for statement the applicant is a member of the Student Branch, and the non-interest note the applicant signs. Payments start six months following student's graduation from School.

Past due notes of approximately $800 were reviewed by the committee. The notes will be turned over to an attorney and if collection not successful by January 1, 1972, notes will be referred to Merchants Association Collection Bureau.

The committee unanimously endorsed the Burroughs Wellcome Empirin Compound Deal #2926 which will include a cash certificate payable to the Loan Fund. Shipment of the Deal will be on November 1 following pre-selling in Sept.-October.

A fall fund raising campaign will be a joint effort of the Endowment and Consolidated Pharmacy Fund Committees. The fund raising drive will replace the customary solicitation of funds by way of annual dues statements and the solicitation will be limited to the mail. Special recognition awards for contributions—$1.00 thru $500.00—will go to contributors.

Committee members present for the meeting included Robert B. Hall of Mocksville, who presided; Tom Cornwell of Morganton, Nancy Pike Mitchener of Edenton, William G. Thames of Fayetteville, Roy B. Smith, Jr. of Newland and guests Al Mebane of Greensboro and LeRoy Werley of Chapel Hill.

THEY SERVE IN WAYNE COUNTY

Tommy Gibson is mayor of Goldsboro; Herbert Taylor is a member of the Wayne County Board of Health; Wilson Lewis was elected to the Mt. Olive City Council and Jesse Stewart of Fremont is a member of his hometown city council.

All of these public servants are pharmacists.

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SALISBURY PHARMACIST EDWIN RUDOLPH FULLER TO VISIT RICHMOND AS GUEST OF A. H. ROBINS

Salisbury pharmacist Edwin Rudolph Fuller, the North Carolina Pharmaceutical Association's 1971 recipient of the A. H. Robins "Bowl of Hygeia" Award for outstanding community service, is among this year's award winners who have accepted an invitation to visit A. H. Robins' Richmond headquarters in October.

Award-winning pharmacists from each of the United States, the District of Columbia, Puerto Rico, and the provinces of Canada have been invited to visit Richmond for three days beginning October 14. They will be guests of the pharmaceutical manufacturing firm and its board chairman, E. Claiborne Robins.

While in Virginia, the pharmacists will tour A. H. Robins' manufacturing plant and research center, and be honored at a reception and dinner scheduled to be attended by the Hon. Linwood Holton, governor of Virginia. They also will spend a day touring Williamsburg, the restored colonial capital of Virginia, and will visit Richmond's well-known Valentine Museum.

In addition to visiting Richmond, the award winners will be featured in a special full-page advertisement which A. H. Robins will sponsor in the October 11th issue of TIME Magazine. The ad will include photographs of all the recipients and indicate that they have been cited for outstanding service to their respective communities.

The "Bowl of Hygeia" Award is presented annually by the participating state pharmaceutical associations, which select their respective recipients. This is the 14th year that A. H. Robins has sponsored the "Bowl of Hygeia" program, and the award now is one of the most coveted in the pharmacy profession.

Fuller is the 13th North Carolina pharmacist to receive the award. Previous recipients were Harold Vann Day of Spruce Pine, in 1959; Ralph R. Rogers, Jr. of Durham, in 1960; William H. Randall of Lillington, in 1961; Charles D. Blanton, Jr. of Kings Mountain, in 1962; David R. Davis of Williamston, in 1963; John T. Henley of Hope Mills, in 1964; Jesse Miller Pike of Concord, in 1965; John E. Mills of Mount Airy, in 1966; William Whitaker Moose of Mt. Pleasant, in 1967; Roger H. Sloop of Rural Hall, in 1968; Thomas R. Burgiss of Sparta, in 1969; and Mrs. Marsha H. Brewer of Pink Hill, in 1970.

KENDALL DRUG ADDS SCHMID LINE

Julius Schmid, Inc. proudly announces that Kendall Drug Company of Shelby has been added to the growing list of Schmid Distributors.

Bob Long, Carolina District Manager for Schmid, said "it is a privilege to be represented by this fine wholesaler of Western North Carolina."

Dean Hager exhibits certificate presented to him by the NCPhA in recognition of the School's outstanding program on drug abuse information.

The annual report of the UNC School of Pharmacy, as presented by Dean Hager at the 91st annual meeting of the NCPhA, appears on pages 28-33.

ANNUAL REPORT

SCHOOL OF PHARMACY, UNIVERSITY OF NORTH CAROLINA

by George P. Hager, Dean

In December, 1967, a need for 130 graduates of the School of Pharmacy each year was projected for the ten-year period, 1968-1977. This represented a 146% increase over the number of graduates that had been produced annually by the School during the preceding ten-year period when the School graduated an average of 53 students each year. The projected number of graduates and the enrollments necessary to produce 130 graduates per year were almost achieved last year. In the current year, the necessary enrollments have been sustained. Seven students have already been awarded their degree and there are 133 students in the class scheduled to graduate on May 30th. Unfortunately, a few of these will not complete the requirements in time for the May 30th commencement. Nevertheless, the number of graduates for 1970-71 will be very close to 130. The above data are summarized in Tables I and II.

TABLE I.—Enrollments and Graduates of School of Pharmacy—UNC

Year	Undergrad. Students	B.S. in Pharm.	Graduate Students			Women Students		UNC Standing
			Total	M.S.	Ph.D.	UNC	National	
1966–67	360	57	10	2	1	26.4%	14.5%	18/73
1967–68	436	68	20	2		25.0%	16.5%	10/73
1968–69	484	90	31	4	2	25.2%	18.2%	6/73
1969–70	549	128	21	1	1	25.5%	20.0%	5/73
1970–71	569	130*	25	?	?	27.2%	22.0%	4/73

Estimated.

TABLE II.—Enrollments, Class-By-Class, Fall Semester

Year	2/5	3/5	4/5	5/5	Total	Percent Increase	
1966–67	138	84	81	57	360		
1967–68	125	145	99	67	436	+21.1%	
1968–69	112	143	133	96	484	+11.0%	
1969–70	149	138	132	130	549	+13.4%	+58.1%
1970–71	141	160	134	134	569	+ 3.6%	

The following question was raised recently by a prominent Congresswoman in connection with a request for legislative support for preferential classification of pharmacy students in the Selective Service System:

> *"..... I would like to know if the pharmacy colleges are actively seeking to enroll women students. I would appreciate recent statistics on the number of women that apply for admission to pharmacy colleges and the number of women applicants that are turned down"*

The increasing enrollment of women students in pharmacy at UNC reflects a national trend as indicated in Table III.

TABLE III.—Enrollments in Schools of Pharmacy Fall Semester, 1970 (Last Three Years)

Year	Men	Women	TOTAL	Proportion*
1966–67	11,152	1,916	13,068	14.7% *(26.4%)*
1967–68	11,788	2,334	14,122	16.5% *(25.0%)*
1968–69	12,069	2,684	14,753	18.2% *(25.2%)*
1969–70	12,068	3,029	15,097	21.3% *(25.5%)*
1970–71	11,956	3,370	15,326	22.0% *(27.2%)*

**UNC figures in parentheses.*

The increasing enrollment of women in schools of pharmacy is paralleled by an increasing proportion of women graduates as indicated in Table IV.

TABLE IV.—Undergraduate Degrees Conferred by Schools of Pharmacy in the United States.

Year	Men	Women*	TOTAL*	Proportion*
1966–67	3,214	530 *(19)*	3,744	14.2% *(33.3%)*
1967–68	3,377	611 *(23)*	3,988	15.3% *(33.8%)*
1968–69	3,553	687 *(20)*	4,240	16.2% *(22.2%)*
1969–70	3,847	869 *(29)*	4,716	18.4% *(22.7%)*
1970–71	(3,769)	(945) *(41)*	(4,714)	(20.0%) *(29.3%)*

**UNC figures in italics.*

The proportion of women graduates of the School of Pharmacy-UNC was unusually high in 1966-67 and 1967-68. In the ensuing years, the relative number of women graduates at UNC has followed the national trend.

It now appears most likely that Congress, in extending the Military Selective Service Act, will eliminate deferments for undergraduate students (Regulation 1622.25). Unfortunately, students in schools of pharmacy are classified on the same basis as undergraduate students in general. As shown in Table V, 322 of the 407 male students enrolled in the School (79% of the male students and 57% of the total undergraduate student body) were classified I-A or II-S as of March 30, 1971. They will be vulnerable to induction into the Armed Forces when undergraduate student deferments are eliminated.

TABLE V.—Selective Service System Classification of Students in School of Pharmacy—UNC

	I-A	II-S	Other	TOTAL	Proportn.*
Seniors (5/5)	26	43	25	94	73.4%
Juniors (4/5)	32	45	32	109	70.6%
Sophomores (3/5)	29	70	19	118	83.9%
Freshmen (2/5)	8	69	9	86	89.5%
TOTALS	95	227	85	407	79.1%

*Proportion I-A and II-S

(Continued on Page 30)

In attempts to reassure us about the threatened impact of the loss of deferments for our students, we are told that efforts to achieve an all-volunteer military establishment will reduce draft calls to zero. Our concern for our *present* students rests on the big question, WHEN? Exactly 198 (48.6%) of our male students have lottery numbers below 200 and 96 of them (23.6%) have lottery numbers below 100 as seen in Table VI.

TABLE VI.—Selective Service Lottery Numbers of Male Students in School of Pharmacy—UNC

Lottery No.	Students	Proportion
0–49	54	13.3%
50–99	42	10.3%
Subtotal	*96*	*23.6%*
100–149	42	10.3%
150–199	60	14.7%
Subtotal	*198*	*48.6%*
200–249	52	12.8%
250–300	46	11.3%
Above 300	63	15.5%
N. A.	48	11.8%
TOTAL	407	100.0%

The existing undergraduate student deferment (II-S in accordance with Regulation 1622.25) applies to students who have not reached age 24. In the present student body, 133 of the 407 male students will have reached age 24 before the time when they are scheduled to graduate (Table VII). A number of these, 37 (9.1%), had earned a bachelors degree before entering the School of Pharmacy. This number includes some of our most highly qualified students and they are especially vulnerable to the draft.

SMITH WHOLESALE DRUG CO.
SPARTANBURG, SOUTH CAROLINA
FAST SERVICE — DELIVERIES — ACTION

TABLE VII.—Age Distribution—Male Students in School of Pharmacy, UNC—Spring, 1971

Age (Years)	Professional Part of 5-year Curriculum				TOTAL
	2/5 Year	3/5 Year	4/5 Year	5/5 Year	
>35	1	1			2
35		1			1
34					
33			1		1
32	1	2	2	2	7
31			1		1
30	3	5	3		11
29		1	5	3	9
28	1		4	5	10
27		3	8	2	13
26		3	2	3	8
25	1	6	8	4	19
24	7	24	9	11	51
Subtotal	*14* *16.3%*	*46* *38.7%*	*43* *39.4%*	*30* *31.9%*	*133* *32.6%*
<24	72	73	66	63	274
Total	*86*	*119*	*109*	*93*	*407*
Holding B. S. degrees	1	14	15	7	37 (9.1%)

The National Security Council is now considering a recommendation that pharmacy students be classified on the same basis (Regulation 1622.26) as students of medicine, dentistry, veterinary medicine, osteopathy, optometry, and podiatry. Favorable action on this recommendation by the Council—along with any supplementary action based on the same principle by Congress—is urgently needed. With respect to the growing demand for health care in *greater quantity* and *higher quality* for *more people*, there is a serious shortage of pharmacist manpower, particularly pharmacists now being educated and trained for a greatly expanded role in health care.

There are many substantive reasons and justifications for implementing the recommendation of the National Health Resources Advisory Committee that pharmacy students be classified according to Regulation 1622.26. The most compelling reasons, however, relate to the following (in order of increasing importance): 1) the integrity of the pharmacy profession at a time when it has the greatest opportunity it has ever had to provide urgently needed services to the people of our country; 2) better utilization of other health professionals (especially physicians) that are also in short supply; 3) shortages in pharmacist manpower (especially the younger and better educated and trained pharmacists) that are rapidly approaching critical proportions; and 4) better patient care with respect to rational, safe, and effective use of drugs. On the other hand, the Selective Service classification of pharmacy students *on a different basis* than students in all other major health professions *cannot be justified.*

A resolution in support of the NHRAC/NAC recommendation will be considered at this annual meeting of the Association. As dean of the School of Pharmacy, I earnestly hope that the Association will take a strong stand on this issue by adopting the resolution and communicating with the National Security Council.

Not only the student body, but also the faculty of the School of Pharmacy has increased considerably, as shown in Table VIII.

(Continued on Page 32)

TABLE VIII—Faculty

	1965–66	1966–67	1967–68	1968–69	1969–70	1970–71
Dean	1	1	1	1	1	1
Assistant Dean	1	1	1	1	2	2
Professor	3	5	6	6	6	5
Associate Professor	4	4	3	3	3+	3+
Assistant Professor	4+	1+	1+	2+	6+	10+
Instructor	2			1	5+	10
Unassigned	1	1	1	1	1	3
TOTAL	16+	13+	13+	15+	25+	34+

The new senior members of the faculty are:

Leonard Berlow (Assistant Professor of Pharmacy Administration and Associate Director of the Extension Program)
K. H. Lee, Ph.D. (Assistant Professor of Medicinal Chemistry)
Paul D. Olejar (Director of Drug Information Program)
Davis R. Reese (Assistant Professor of Pharmaceutics and Associate Director of Drug Product Program)
Edward J. Triggs, Ph.D. (Assistant Professor of Pharmaceutics)

The following new Instructors have also been appointed:

Robert J. Allen (Pharmacy Services—Clinical Pharmacy)
Douglas R. Boyette (Pharmaceutics—Drug Product Program)
H. Shelton Brown (Pharmacy Services—Clinical Pharmacy)
Miss Betty M. Daniels (Pharmacy Services—Hospital Pharmacy)
Iris H. Hall, Ph.D. (Medicinal Chemistry)
Khalid S. Ishaq, Ph.D. (Medicinal Chemistry)
Donald C. McLeod (Pharmacy Services, Director of Institutional and Clinical Pharmacy Extension Program)
John E. Nance (Pharmaceutics)
Charles C. Pulliam (Pharmacy Services—Clinical Pharmacy)
Hal B. Woodall (Pharmacy Services—Clinical Pharmacy)

Stephen M. Caiola, formerly half-time Instructor, was appointed full-time Instructor in the Division of Pharmacy Services and Director of the Clinical Pharmacy Program. New adjunct appointments have also been made to the faculty:

William H. Briner (Adjunct Assistant Professor of Pharmacy Services—Radiopharmacy)
Anthony Colucci Ph.D. (Adjunct Associate Professor of Medicinal Chemistry)
Edward O. Oswald Ph.D. (Adjunct Assistant Professor of Medicinal Chemistry)
Barbara Roth, Ph.D. (Adjunct Professor of Medicinal Chemistry)
Milton Skolaut (Adjunct Assistant Professor of Pharmacy Services—Hospital Pharmacy).

The School's Drug Abuse Education Program has benefited greatly this year from the services of Jesse M. Pike, Jr. (Student Director) and Mona Boston Reddick (Assistant to the Director).

The School of Pharmacy has received increased support from "outside" sources for the larger student body, the increased faculty and staff, and new programs especially the programs in 1) clinical pharmacy, 2) drug product development, production, control, and evaluation, 3) drug abuse education, 4) radiopharmacy, and 5) drug information services.

An institutional grant from the Bureau of Health Professions Education and Manpower Training has made possible new teaching programs, urgently needed remodeling, procurement of equipment, etc.

Federal grants through the Health Professions Student Assistance Programs have provided 145 scholarships ($93,850) and 71 loans (23,300) to students enrolled in the School of Pharmacy this year.

Support of the School's research activities by the Federal Government and by private industry during the current year ($80,735) is down 6.5% from last year. However, Federal support for two additional research projects—one of them directed by Dr. Claude Piantadosi and the other by Dr. K. H. Lee—have been approved and will be funded starting with the coming year. Federal support of research in 1971-72 ($94,383), exclusive of support expected from industry, will increase 9.3% over 1969-70 and 16.9% over 1970-71.

The increased support of the School in consonant with a greatly increased need for support for a larger student body, a larger faculty and staff, and new and innovative programs of great importance in the School's teaching, research, and service missions. Particular mention must be made of the increasing support of the School by the North Carolina Pharmaceutical Research Foundation: $16,024 in 1967-68; $23,947 (+49.4%) in 1968-69; and $30,844 (+29%) in 1969-70. Mr. Claude U. Paoloni will report on the N.C.P.R.F. in greater detail at this annual meeting. I must, however, add to anything Mr. Paoloni will say about the Foundation, my great sense of gratitude to the many pharmacists of North Carolina who generously support the Foundation year-after-year by their contributions. I know that gratitude to them is shared by the faculty and students of the School and by the Directors of the Foundation.

In a still broader sense, we are most grateful also to the North Carolina Pharmaceutical Association not only for its sponsorship of the Foundation but also its support of the School in many other ways as well. The Foundation is only one activity—albeit a very important activity—through which the Association provides for an ambitious program of pharmaceutical education in North Carolina. The Association has also cooperated with the School in a very ambitious DRUG ABUSE EDUCATION IN NORTH CAROLINA PROGRAM. Last summer, in cooperation with the N. C. Department of Public Instruction and the N.C.Ph.A., the School of Pharmacy presented three week-long intensive training sessions for 173 teachers, counselors, and administrators of the secondary schools throughout the State (TEACHER DRUG ABUSE EDUCATION PROJECT). Since then, more than eighty pharmacy students under the direction of Jesse M. Pike, Jr. and Leonard Berlow—after a period of special training—have made presentations to student audiences totalling approximately 52,000 students in more than 200 secondary schools in North Carolina (STUDENT-TO-STUDENT DRUG ABUSE EDUCATION PROJECT). The MISUSE OF DRUGS (MOD) EDUCATION PROJECT of the Women's Auxiliary of the Association, under direction of Mrs. Louis S. Harris, has collected and distributed sets of drug abuse informational brochures to every secondary school with seventh grade or above and to every county library in the State. This three-pronged attack on the drug abuse problem—supported by a grant from the Z. Smith Reynolds Foundation—is not only an important service to the State but also an excellent training experience for students in the School of Pharmacy. Most importantly, however, the PROGRAM has given to pharmacy a prominent visibility among the many activities of a variety of agencies that are striving to deal with this serious medical and social problem. In North Carolina, pharmacy is in the avant garde of those who are attacking the drug abuse problem—and who should, after all, provide the leadership in dealing with a problem involving drugs?

Time does not permit a more comprehensive reporting of the exciting things that are happening at the School of Pharmacy. I earnestly hope that enough has been reported to stimulate the active interest of all pharmacists in North Carolina in the School of Pharmacy—and their desire to visit the School to learn more about what is going on there. I shall close with a cordial invitation to each of you to come soon.

JUSTICE DRUG COMPANY ANNOUNCES PRIZE WINNERS

15th Annual Gift Show, Greensboro, August 8, 9, 10

Major Prize Winners

Dick Stone, King Drug, King—Sony Color Television
D. K. Barder, Bobbitt-Lewisville Pharmacy, Lewisville—Hamilton Wrist Watch
John Andrews, Andrews Pharmacy, Winston-Salem—Ladies Hamilton Wrist Watch
Roy Collett, Wilkins Drug, Mocksville—Men's Hamilton Wrist Watch
H. R. Honeycutt, Honeycutt Pharmacy, Raleigh—Motorola 12'' Portable Black & White TV
Harry C. Stone, Fulton St. Pharmacy, Salisbury—Stradivaro 4-Band AM/FM Radio
David Chronister, Highland Drug, Hickory—Amity Genuine Alligator Billfold
Joe Pinnix, Pinnix Drug, Kernersville—Channel Master Cassette Player
Russell Franklin, Franklin Drug, Greensboro—Sony Radio Model #1CR-120
Harold Little, Purcell, Albemarle—55-piece Stainless Steel Silverware
Clayburn Hawkins, Hawkins Drug, Madison—Clairol Lighted Mirror
Fred Lowry, Lowry Drug, Statesville—Golf Umbrella
John Harmon, Center St. Pharmacy, Lexington—Ten Power Telescope and Case
Robert A. Coleman, Haw River Drug, Haw River—Endura Digital Wrist Watch
Calvin Oakley, Warren Drug, Mebane—6-piece Ekco Cutlery Set

Best Booth Awards

1st—Sunbeam—Pete Schmitz
2nd—Fleetwood Sales—Bob Hickson
3rd—Westbend—Chuck Mason
Honorable Mention—Bourjois—Bob Kunkleman

Prizes and Prize Winners

Weikels Ancient Mariner's Globe: Peggy Jenks, South Court Drug, Graham; Calvin Oakley, Warren's Drug, Mebane; and Betty Clark, Haw River Drug, Haw River.

Bourjois Gift Set: Clyde W. Jones, Franklinville Store, Franklinville; Robert Colvard, Robert's Drug, West Jefferson; Helen Nichols, Hospital Pharmacy, Mt. Airy.

Eveready Flashlight: George Dillard, Tar Heel Drug, Graham; C. E. Joyner, Leonards Drug, High Point; Winham Dukes, McFalls Hillsdale Park, Greensboro.

General Electric Outdoor Floodlight Kit: Mrs. H. R. Honeycutt, Honeycutt Pharmacy, Raleigh; Mrs. Clara Boaz, Hudson's, Stuart, Virginia; Elaine Fries, Cox Pharmacy, Winston-Salem.

Sunbeam Manicurist: Reavis Eller, Halsey Drug, Sparta.

Chesebrough Ponds Bath Beads Counter Unit: Mrs. C. A. Wharton, Gibsonville Drug, Gibsonville.

Chesebrough Ponds Vaseline Hair Tonic Master Case: Roy W. Collette, Wilkins Drug, Mocksville.

Chesebrough Ponds Bath Products Counter Unit: H. C. Stone, Jr., Fulton St. Pharmacy, Salisbury.

3-M Pull Bows: William C. Penn, Rufus Hairston Drug, Winston-Salem; Herb Hartsook, Franklin Drug, Greensboro.

Crane Sales Prak T Kal Child's Vaporizer: Fran Muratori, Summerfield Drug, Summerfield; Lois Sanders, Pickard Pharmacy, Greensboro.

Justice Drug Company Suit Bag—Men: John Mills, Wolfe Drug, Mt. Airy.

Justice Drug Company Fitted Vanity: J. L. Patterson, Westgate Pharmacy, Statesville.

Justice Drug Company Ladies Dress Bag: C. E. Joyner, Leonard Drug, High Point.

Photo Supplies Camera: Virginia Sharp, Hawkins Drug, Madison; Paul Miller, Rowan Drug, Spencer; Ellen Brown, Brown Gardner, Greensboro.

Fleetwood Sales Epco Travel Kits: Jack Johnson, Bessemer Pharmacy, Greensboro; Ernest Rabil, Bobbitts College, Winston-Salem; Harold Thomas, Longview Pharmacy, Raleigh.

Sylvania Flash Gun: Evan Setzer, Glen Raven Drug, Glen Raven.
Prestidge-Southeast Hot Lather Unit: Charlie Smith, Bessemer Pharmacy, Greensboro.
Prestidge-Southeast Mini Air Styler: Beverly Glace, Fisher Pharmacy, Elkin.
Sheaffer: Dick Stone, King Drug, King; W. C. Baughan, Stuart Drug, Stuart, Virginia; W. I. Jenkins, Jr., Biscoe Drug, Biscoe.
Leeming/Pacquin: David L. Chronister, Highland Drug, Hickory; D. D. Underwood, White Oak Drug, Greensboro; Myrtle Stone, King Drug, King.
Kendall Health & Supports Flashlight: Larry Lazarus, Lee Drug, Sanford.
Kendall Health & Supports Travel Kit: L. R. Lanier, Bender's, Fayetteville; R. W. Wallen, Bobbitts Pharmacy, Reynolds Bldg., Winston-Salem.
Cunningham McGavren Bentley His & Her Lighter: J. P. Richardson, Ogburntown, Winston-Salem; A. J. Muratori, Summerfield Drug, Summerfield; Harold Thomas, Longview Phy., Raleigh.
Ryall-Caskey Decorator Soaps: Mrs. Hubert Coffee, Medical Arts Phy., Thomasville; Caroline McKinney, Pickard Pharmacy, Greensboro; Robert A. Coleman, Haw River Drug, Haw River; Mel Wells, Franklin #3, Greensboro; Doug Roberts, Cape Fear Drug, Fayetteville; and Charles D. McFalls, Brown McFalls, Madison.
Shulton Assortment Sets: Bill Lamm, Lamm Drug, Mt. Airy; Irving Tilles, Cecil's Drug, High Point; Elmer Buchanan, Buchanan Drug, Greensboro.
Essex Fondue Forks: Ann Lore, Bobbitt's Pharmacy, Reynolds Building, Winston-Salem; Sue Currick, Willo Shop, Candor.
Knight Distributing Bal De Bain Bath Powder: Kathy Manship, Medical Arts Pharmacy, Lenoir; Will Jennings, Andrews Drug, Burlington.
Garrity Industries Dispoz-a-lighter: Mrs. J. T. Dillehay, Graham Drug, Graham; Ken Neal, Carolina Drug, Mebane; and Ben Mobley, Kearns Drug, Asheboro.
A-Mark Radio: Fred W. Lowry, Lowry Drug, Statesville; Jean Creen, Royall Drug, Elkin; and Sid Lanier, Bender's Drug, Fayetteville.
Serv-U-Shop Men's Sock Rack: Mrs. Larry B. Good, Lamm Drug, Mt. Airy.
Serv-U-Shop Merchandise: J. Frank Pickard, Pickard Pharmacy, Greensboro; and Wilma Banks, Franklin Drug #6, Greensboro.
Maybelline: Mrs. D. C. Dowdy, Woodmere Pharmacy, Greensboro; and Cecil Branon, Club Haven, Winston-Salem.
Lozier Fixture: Alvis Kallam, Boulevard Drug, Eden.
Piedmont Toys Toot Sweet: Lillie Parrish, Medical Arts Pharmacy, Thomasville.
Piedmont Toys Shrink Machine: Willo Gero, The Willo Shop, Candor; and Mrs. Denford Oxendine, Baxter Drug, Kannapolis.

MARRIAGES

From the 1971 Class of the UNC School of Pharmacy:

Barry Vernon Gates (Hospital Pharmacy, Raleigh) to Sharon Elizabeth Rice, of Raleigh, August 14.

Henry Zack Smith (now School of Dentistry student) to June Marie Jessup, of Elizabethtown, August 9.

Donald Erwin Royster (Anderson Drugs, High Point) to Sarah McLean Hay of St. Pauls, August 8.

Ronald Preston Greene (Duke Hospital) to Sandra Lee Bartholomew of Durham, July 31.

Golda Dianne Gaines (Reveo Drug, Roxboro) to *Gerald Thomas Davis* (5th year School of Pharmacy student), August 8.

James Keith Williams (instructor, UNC School of Pharmacy) to Karen LoRayne Locke of Chapel Hill, August 21.

Richard Larry Cox, 1963 graduate of UNC School of Pharmacy, and Miss Elizabeth Barr Lipscomb of Sanford were married August 1 at Jonesboro Heights United Methodist Church. Mr. Cox is with Mann Drugs, Kendale Shopping Center, Sanford.

BIRTH

A son, William Shannon, was born July 12, 1971 to Mr. and Mrs. William Stewart Cameron of Lillington. Mr. Cameron is with LaFayette Drug Company.

DEATHS

George W. Markham

George Wilbur Markham, 65, owner and operator of Markham Drug Company, Fayetteville, died August 13 in a Fayetteville hospital.

Registered in 1928, during the early part of his pharmacy career Mr. Markham was associated with various Greensboro pharmacies and later was employed by The Upjohn Company. For the past thirty years he had operated retail pharmacies in Fayetteville.

Surviving are his wife, Mrs. Elizabeth Colson Markham; a son, Pharmacist George O. Markham of Fayetteville; three brothers and three sisters and a grandchild.

Wayne Glenn Jones

Wayne Glenn Jones, 68, owner manager of College Drug Store, Greensboro, died August 20.

W. C. Lancaster

Wilbert Cleveland (Lang) Lancaster, 62, partner in the operation of Butler's Pharmacy of Clinton, died August 16. He had been associated with the pharmacy for more than 30 years.

Two NCPhA-Endorsed Insurance Plans Which Merit Member Participation

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UNC Pharmacy School Notes

PHARMACY DEAN CALLS FOR CURRICULUM CHANGE

Pharmacy students urgently need patient contact as a part of their training, according to University of North Carolina School of Pharmacy Dean George P. Hager.

Speaking at the annual meeting of the National Association of Boards of Pharmacy and the American Association of Colleges of Pharmacy meeting August 22-24 at Jekyll Island, Georgia, Dean Hager said schools of pharmacy throughout the country are making changes in their curricula to meet the pressing needs of the rapidly changing health care systems. "The most significant change," he noted, "is the altering of not only the *what* but also the *why* of the curriculum by changing the philosophy of pharmaceutical education and not just the structure and content of the curriculum." He told the Tuesday morning session that much of what the pharmacy students learn in any given five-year period will become obsolete in their first year's practice.

For that reason, he said, the curriculum must be redirected. "It is no longer necessary to train all pharmacy practitioners to do what can be done much better by a relatively few pharmaceutical specialists in the pharmaceutical manufacturing industry and in the drug production programs of larger hospitals." In the past, Dean Hager continued, pharmacists have been tied unilaterally to the actual production of drug products, and as modern pharmaceutical companies have relieved him of much of that load, he has been able to shift emphasis to the new duties that have become obvious.

Dean Hager sees the pharmacist in the position of "promoting rational use of drugs in medical care, and in preventing their misuse and abuse." He can also play a vital part in monitoring and controlling utilization, explaining and reinforcing the prescriber's directions, and by serving in a referral position. He noted that the pharmacist is now in an ideal position to serve as a drug information resource person by collaborating with the prescriber on proper utilization, counselling patrons on use, and in educating the public.

In explaining the slow academic response to the pressing demands for change, the dean said, "It must be remembered that most of today's pharmaceutical educators are, themselves, the products of a system—education and practice—that has been preoccupied almost exclusively with drug products as such and lacking a keen awareness of the prescriber's purposes and the patient's needs."

It is the affective or attitudinal training which has been lacking, he continued. The "cognitive and manipulative skills are developed primarily and these are the skills which are developed in the classrooms and laboratories." The other skills are those which can only be learned through patient contact and at the "bedsides of critically ill patients." Thus the need for the patient contact which is a part of the training of other health professionals, such as medical, nursing and dental students.

Dean Hager contended it is this clinical pharmacy approach which will answer the curriculum question of "why?"

PRESIDENTS' SHARE-IN

A "Presidents' Share-In" for representatives of local auxiliaries was held August 12 at the Institute of Pharmacy, with Mrs. George Cocolas, State President, presiding.

A discussion session was held, with each one talking about her club's problems and ways in which to solve them. Suggestions were given on ways to increase membership and enthusiasm in the clubs. Several said they were sending out questionnaires to members, both old and new, asking for information on interest in club programs, dues, time and place of meeting, committee work, etc.

Several methods of obtaining new members were discussed; however, personal contact was stressed in increasing membership. The communication factor was considered to be of utmost importance. It was suggested that members be grouped according to areas in which they live in order to facilitate transportation to meetings. Also, smaller telephone lists, with more people responsible for making the calls, were recommended.

Officers of city and area auxiliaries of the Woman's Auxiliary of the North Carolina Pharmaceutical Association attended a "Share-In" at the Institute of Pharmacy, Chapel Hill, to coordinate activities and plans for the new club year. Those in attendance were:

First row left to right—Mrs. W. H. Fuller, Jr. and Mrs. Jack H. Upton, Greensboro Drug Club Auxiliary; Mrs. Lamar D. Morse, Jr. and Mrs. W. J. Rhodes, Raleigh Women's Pharmaceutical Auxiliary.

Back row—Mrs. H. K. Crawley, Chapel Hill Auxiliary; Mrs. George O. Markham and Mrs. James R. Hickmon, Cape Fear Valley Pharmaceutical Auxiliary; Mrs. George Cocolas, President, Woman's Auxiliary, NCPhA, Chapel Hill; Mrs. Ben W. Bullock, Mortar & Pestle Club, Durham; Mrs. W. J. Smith, Chapel Hill, Auxiliary Coordinator; and Mrs. William V. O'Quinn, Mortar & Pestle Club, Durham. Mrs. Charles Delaney, president of Pharmacy (Student Wives), and Mrs. M. E. Hedgepeth, Henderson, Publicity Chairman, also attended.

The topic of publicity was discussed next. Each club was asked to send its monthly meeting write-ups, the day after the meeting occurs, to the Carolina Journal of Pharmacy, at the NCPhA office, for use on the Auxiliary page.

Following a luncheon recess, the meeting was resumed. Plans for the Fall Convocation to be held September 29 at the Institute of Pharmacy were discussed. The program will include a parliamentary procedure skit, starring officers of local auxiliaries. Lunch will be served at the Ranch House and the day's activities will close with a tour of UNC President and Mrs. William Friday's home.

It was announced that the 1972 Convention will be held at the Timme Plaza Motor Inn, Wilmington, April 16-18. Mrs. Cocolas elaborated on the state project, a *Bizarre Bazaar*, which will be a convention feature, with proceeds used to remodel and redecorate the auditorium at the Institute of Pharmacy, making it a more functional facility.

☆ ☆ ☆

50TH WEDDING ANNIVERSARY

Mr. and Mrs. Thomas B. Waugh of Route 1, Climax were honored Sunday, August 29 in observance of their 50th wedding anniversary with an open house at their home.

Hosts for the occasion were their children and their spouses, Mr. and Mrs. F. Carlyle Teague, Raleigh; Mr. and Mrs. James M. Waugh and Mr. and Mrs. Robert T. Waugh, Greensboro; Miss Doris H. Waugh, Mr. and Mrs. William H. Waugh and Mr. and Mrs. John F. Waugh, Climax.

Mr. and Mrs. Waugh are former residents of Greensboro. He was retired as city salesman of Justice Drug Company. She is the former Elizabeth Hanner.

Approximately 300 friends and relatives called during the afternoon.

Mr. and Mrs. Thomas B. Waugh

THE SAD, SAD TALE OF HORACE THE MULE

This story, told by the late Edmond Harding, Washington, N. C. humorist, is reprinted from Vernon Sechriest's column, "Relax," in the Rocky Mount Telegram.

Horace The Mule

Mrs. George Wood, now deceased, of Chowan County, had a mule who was named Horace. One evening she called up Dr. Satterfield in Edenton and said to Him, "Doctor, Horace is sick, and I wish you would come and take a look at him."

Dr. Satterfield said, "Oh, Fannie Lamb, it's after 6 o'clock, and I'm eating supper. Give him a dose of mineral oil, and if he isn't all right in the morning, phone me, and I'll come and take a look at him."

"How'll I give it to him?" She inquired.

"Through a funnel."

"But he might bite me," she protested.

"Oh, Fannie Lamb—You're a farm woman and you know about these things. Give it to him through the other end."

So Fannie Lamb went out to the barn, and there stood Horace, with his head held down, and moaning and groaning.

She looked around for a funnel but the nearest thing she could see to one was her Uncle Bill's fox hunting horn hanging on the wall. A beautiful goldplated instrument with gold tassels hanging from it.

Application

She took the horn and affixed it properly. Horace paid no attention.

Then she reached up on the shelf where medicines for the farm animals were kept. But instead of picking up the mineral oil, she picked up a bottle of turpentine instead, and she poured a liberal dose of it into the horn.

Horace raised his head with a sudden jerk. He let out a yell that could have been heard a mile away. He reared up on his hind legs, brought his front legs down, knocked out the side of the barn, jumped a five-foot fence, and started down the road at a mad gallop.

Now Horace was in pain, so every few jumps he made, that horn would blow.

All the dogs in the neighborhood knew that when that horn was blowing, it meant that Uncle Bill was going fox hunting. So out on the highway they went, close behind Horace.

'Twas a Sight

It was a marvelous sight. First, Horace—running at top speed, the hunting horn in a most unusual position, the mellow notes issuing therefrom, the tassels waving, and the dogs barking joyously.

They passed by the home of Old Man Harvey Hogan, who was sitting on his front porch. He hadn't drawn a sober breath in 15 years, and he gazed in fascinated amazement at the sight that unfolded itself before his eyes. He couldn't believe what he was seeing. Incidentally, he is now head man in Alcoholics Anonymous in the Albemarle section of the state.

By this time it was good and dark. Horace and the dogs were approaching the Inland Waterway. The bridge tender heard the horn blowing and figured that a boat was approaching. So he hurriedly went out and uncranked the bridge. Horace went overboard and was drowned. The dogs also went into the water, but they swam out without very much difficulty.

Now it so happened that the bridge tender was running for the office of sheriff of Chowan County, but he managed to poll only seven votes.

The people figured that any man who didn't know the difference between a mule with a horn up his rear and a boat coming down the Inland Waterway, wasn't fit to hold any public office in Chowan County.

IF INTERESTED IN ATTENDING THE OCTOBER 7 CONTINUING EDUCATION PROGRAM—THE PHARMACIST AND THE OSTOMY PATIENT—AT THE UNC SCHOOL OF PHARMACY, CALL CLAUDE PAOLONI (919) 966-1121.

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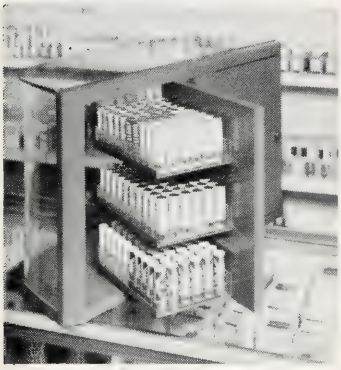

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Volume LII Oct. 1971 Number 10

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- N. C. Board of Pharmacy
- Woman's Auxiliary, NCPhA
- NCPhA Constitution & By-Laws

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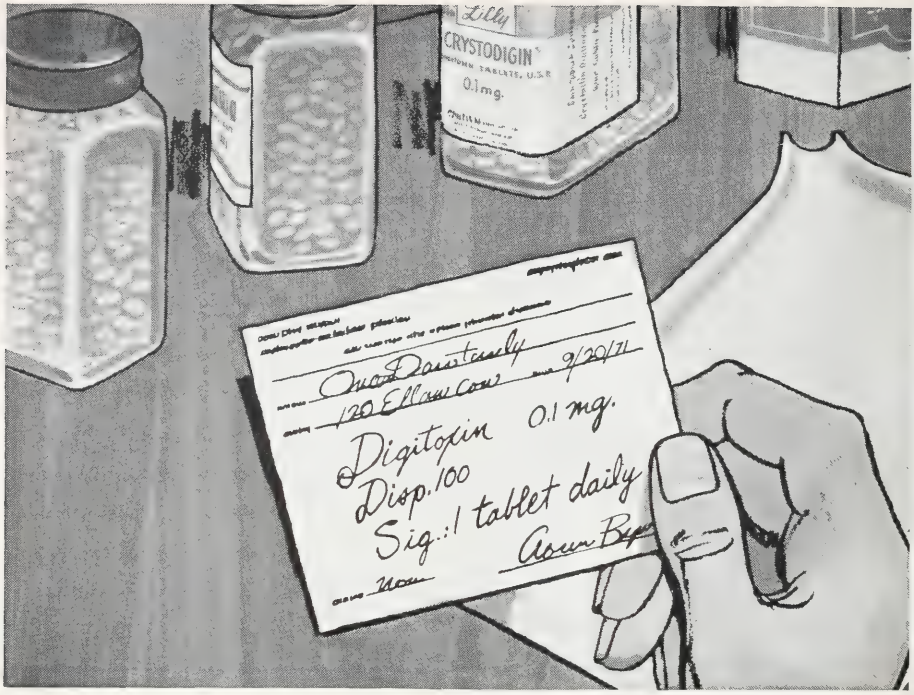

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1971 YEAR BOOK

1971 ANNUAL MEETING OF THE N. C. PHARMACEUTICAL ASSOCIATION

DURHAM HOTEL, DURHAM, NORTH CAROLINA APRIL 18-20, 1971

SUNDAY, APRIL 18

The 1971 Awards Program which preceded the official opening of the Convention convened at 3 p.m. in the Washington Duke Ballroom. The session, presided over by President B. Cade Brooks, was highlighted by the presentation of certificates, plaques, and special awards.

" 50+"

Those first honored were pharmacists who received their licenses fifty years ago: Leighton Dewey Cain, Concord; Clayton Lloyd Guion, Aberdeen; Howell Newton Guion, Marshville; John Craton Mills, Mt. Airy; Ira Otis Wilkerson, Greensboro. Donald J. Miller read biographical material about each of the recipients and President Brooks presented the certificates and lapel pins.

BOWL OF HYGEIA

The Bowl of Hygeia for community services was awarded to Edwin R. Fuller of Salisbury, with Alvin Jenkins of the A. H. Robins Company making the presentation.

DON BLANTON AWARD

The Don Blanton Award, with presentation by Charles Blanton, Jr. was presented to Walter Saunders, Burlington, in recognition of his contributions to the advancement of North Carolina Pharmacy during the past year.

SPEAKER-OF-THE-HOUSE

Speaker-of-the-House certificates, in recognition of public relations efforts in their own localities, were presented to James W. Adams, Asheville; Council Foy Bradshaw, Tarboro; Dewayne P. Franzen, Greensboro; Quint H. McCoy, Grover; Seth George Miller, Lexington; W. R. McDonald, Hickory; John H. Myhre, Garner; Robert Stedman Neal, Burlington; Jean W. Payne, Greensboro; Jesse M. Pike, Jr., Carrboro; W. L. Vanderburg, Burlington; Howard A. Yandle, Durham. John C. Hood, Jr., NCPhA President-Elect, made the presentations.

PRECEPTOR-INTERN

Four preceptors and four interns were honored for their superior performance in meeting requirements of North Carolina's pharmacy internship program: J. D. Erwin and Joyce B. Long of Rockingham; Gerald M. Stahl and Daniel J. Yates of Durham; Fred M. Eckel and Judith K. Coan of Chapel Hill; Fred A. Holt and John Henriquez of North Wilkesboro. Presentation of Awards was made by Claude U. Paoloni of the UNC School of Pharmacy.

DRUG ABUSE PROGRAM

Certificates of appreciation in recognition of exceptional services to the advancement of public health and welfare, with emphasis on highly successful drug abuse information programs, were awarded to Dr. George P. Hager for the School of Pharmacy's outstanding program; Jesse M. Pike, Jr., Director of the Pharmacy Student Drug Abuse Information Project; Mrs. Louis Harris, Chapel Hill, Chairman of the MOD (Misuse of Drugs) Project of the Woman's Auxiliary of the NCPhA. Mrs. William P. Wells, who inaugurated the MOD Education Program during her presidency of the Auxiliary, made the certificate presentations.

PRESIDENTIAL AWARDS

Bobby McDaniel of McKesson & Robbins Charlotte Division presented President-elect John C. Hood, Jr. with a gavel plaque. William W. Jordan of E. R. Squibb & Sons presented the President's Award to B. Cade Brooks.

FIRST SESSION

The First General Session of the North Carolina Pharmaceutical Association and its auxiliaries convened for a dinner meeting, April 18, 7 p.m. in the University Ballroom of the Durham Hotel. William P. Wells, Convention General Chairman, introduced B. Cade Brooks, president of the N. C. Pharmaceutical Association, who officially opened the 91st annual meeting of the parent group; Mrs. W. Grover Creech, President

of the Woman's Auxiliary, who declared the 44th session of the Auxiliary convened; and Rush Hamrick, Jr., President of the TMA, who officially opened their session.

Mr. Wells then introduced the Reverend Robert E. McClernon, Pastor of the Watts Street Baptist Church of Durham, who brought the Invocation.

Mr. Wells, speaking on behalf of the area pharmacists and their families, officially welcomed the guests to Durham, to which President Brooks responded.

President Brooks continued the program by introducing Senator John T. Henley, who in turn introduced Congressman Nick Galifianakis. Mr. Galifianakis, after some general remarks, introduced Fred Coe, Jr., Chairman of the Board of Burroughs Wellcome Company, who was guest speaker for the evening.

Mr. Coe, at the request of the NCPhA, told of his company's decision to move their entire operations to North Carolina, citing the many factors which influenced their relocation, and their selection of the Research Triangle Park and the Greenville locations.

Senator Henley then introduced Congressman Walter B. Jones, who paid tribute to the Burroughs Wellcome Company and he introduced the BW pharmacists who were special guests of the Association.

After routine announcements by President Brooks and Convention Chairmen, the President then announced the identity of the 1971 Pharmacist-of-the-Year—Robert B. Hall of Mocksville.

MONDAY, APRIL 19

The Monday morning session of the NCPhA opened with the Rite of the Roses in which tribute was paid to those members who had passed on since the 1970 annual meeting. W. A. West of Roseboro presented the memorial as the traditional red roses were placed in an urn. Deceased members included:

Walter Holmes Adair, Roxboro—March 23, 1970

Claude Baxter Clark, Jr., Williamston—May 30, 1970

Gus William Hudson, Elizabeth City—July 1, 1970

Joseph House (Life Member), Beaufort—July 16, 1970

Marion Butler Melvin, Raleigh—August 29, 1970

Samuel Brainard Burrus, Canton—September 12, 1970

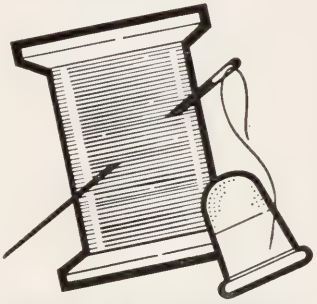
Wilbur R. Adams, Carolina Beach—November 17, 1970

John Steele Birmingham, Hamlet—January 8, 1971

Noal J. Blackmore, Sr., Wilmington—April 5, 1971

Two honorary members: Rowland Jones, Jr. of Washington, D. C., and Charles William Holton of Essex Falls, N. J.

First Vice-President John C. Hood, Jr., presided while President Brooks presented his report.



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PRESIDENT'S ADDRESS

B. CADE BROOKS

During the past year and more specifically in the past ten years we have experienced numerous drastic changes in the practice of our profession. Pharmacy practice has been influenced by the abuse of drugs, increased social services, and inflation. New legislation, new regulations and other restrictions on the legitimate flow of drugs and medicinals thru our pharmacies have hampered our daily routine. Inflation and higher taxes have caused us to work harder and enjoy it less. Government programs such as Medicaid and other 3rd party pay systems have exerted a strong influence on the manner in which we practice. Most of us here can remember when percentage markup was the only way known to figure the price of a prescription and the patient either paid for the prescription himself or we put it on the cuff.

There are more changes ahead in the 70s and the profession of pharmacy, like everything else, cannot stand still, but must move forward, or it slides backward. Pharmacy and pharmacists are capable of meeting these challenges and can live and survive with them.

Pharmacy in the 70s holds great promise both in the evolving role of the pharmacist as a member of the health team and in the expected increase in Rx volume.

Le us examine some of the factors which will influence pharmacy in the near future.

NATIONAL HEALTH INSURANCE

At the NARD National Legislative Conference in Washington in January, many speakers, including Senator Humphrey, assured us that a National Health Insurance was a certainty. There are now at least six major proposals for a 3rd party pay system of health care—some under Social Security, some by private insurance carriers. Most observers feel that some sort of co-payment by the recipient will be a part of the program selected. We in North Carolina are unanimous in thinking that co-pay is a must in controlling utilization and reducing costs of such a program.

Organized pharmacy needs to start now to see how we will fit into such programs so that we will not be omitted as under Medicare. We need to develop a plan for participation and a plan, of our own, for remuneration.

Third party pay plans have drastically influenced the profession of Pharmacy. They concern themselves with availability, quantity, quality, cost, and effectiveness of the services we provide. They tell us what we can charge for these services. Under the anti-trust laws we cannot collectively accept or reject their offerings.

NEW LAWS AND REGULATIONS

1. Primary consideration should be given to the Federal Controlled Substances Act of 1970, which becomes effective May 1st. All pharmacies have or will receive registration application forms along with detailed information regarding inventory on May 1st, and other requirements of the Act which places all controlled substances in five separate schedules.

2. The N. C. Dangerous Drug proposal which is now in committee in the state legislature has been of great concern to your Association as well as to the medical profession in North Carolina. It is felt that the proposal is at such variance with the Federal act as to render it impossible to adhere to both. The general feeling is that it would be better to learn to live with the Federal Act, and then pass corresponding state legislation.

3. You will be asked to consider three pharmacy bills to be proposed at this session of the legislature:

a. Provides for a temporary license to be issued to pharmacists seeking reciprocity without an examination.
b. Provides for the issuance of a pharmacists-intern license to a graduate who meets certain specified conditions, giving the graduate increased privileges and responsibilities.
c. Would permit Board of Pharmacy to lower the requirements for practical experience when necessary to comply with national trend should the occasion arise.

All these laws and regulations will be discussed in depth later at this convention.

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EDUCATION: Formal, Continuing, and Training of Pharmacist Aides or Technicians

The School of Pharmacy at the University is training and graduating record numbers of pharmacists each year. A recent survey indicates these graduates are going into most all facets of pharmacy, with about 80% going into the retail or community pharmacy practice. But the profession of Pharmacy is a many splendored thing and graduates can enter various fields such as: independent, chain, hospital, nursing homes, manufacturing, research, or education. The continuing education program at the school, through its program of regional seminars, is being made available in any area that requests and supports such a program.

With the expanded role of the pharmacist as a member of the health team and the increase expected in prescription volume—the pharmacist will not be able to perform all the traditional duties in dispensing, and it will become necessary to use technicians to perform routine functions such as prepackaging, making routine dilutions, typing labels, record keeping, and checking shipments. This would free the pharmacist for more professional functions. Training of such technicians are in our future.

USE OF COMPUTERS

We have been told of many uses for a computer in the operation of our pharmacy. They can be used to replace our conventional blue form under Medicaid. Thus reducing time-consuming paper work under this and other 3rd party pay systems.

New plans between retailers and wholesalers are being developed to help the independent compete with the chains and discount operators. The computer will be used in inventory control and in placing orders with a specified wholesaler. This will reduce the overhead of the wholesaler who will be paid for services by the addition of a percentage or by a fixed fee.

Eventually computers can be used for storage of data on family record cards we maintain.

DRUG ABUSE

All of us are well aware of a major problem which exists today—that of drug abuse, particularly the abuse of illegally obtained drugs by teenagers. As knowledgable individuals in the area of drugs, of their usefulness and their potential for harm, pharmacists were among the first of the professionals to set up educational programs to point out the dangers from misuse of drugs.

Pharmacy's record is second to none. The school teacher project, sponsored by the UNC School of Pharmacy this past summer, the hundreds of programs presented statewide by the pharmacy students, and sustained activity carried on by individual pharmacists are a matter of record. In a number of instances, members of this Association have and are continuing to average more than fifty public presentations on the subject of drug abuse each year.

There is some evidence that all of this effort is beginning to pay off. Reports are beginning to filter in that in some areas there appears to be a lessening of the problem of drug abuse, but this cannot be interpreted as a signal to let up in our efforts to bring the problem under control. As a matter of fact, eternal vigilance should be our standard—now and in the future.

While we have been directing our attention and our efforts to drug abuse, another problem has reappeared—V.D.—venereal disease. In some instances, doctors have reported venereal disease as more widespread than drug abuse.

Of all the diseases afflicting humans in this country, venereal disease is the big swinger. There's more V.D. than all other communicable diseases combined. Close to two million cases of Gonorrhea and Syphilis are being reported and it's admitted that unreported cases are far greater. V.D. is increasing at more than five times the population increase rate. And as Gonorrhea increases in number, penicillin is losing its punch. It takes far greater dosages of penicillin to treat a case now than it did 15 years ago.

Pharmacists—with their professional

know-how and public awareness—are in an excellent position to do something about this problem. First, by mounting a prevention campaign of acting as a readily available source for reliable information on the control of V.D. we can help in disseminating information.

Industry and government produced handout folders on V.D. are available and we are quite certain that, on request, you will find your local health department will cooperate on any public-awareness program which you may undertake.

Someone has stated that the pharmacist is the best single individual for disseminating information about health matters. A prime reason for this is that every American old enough to buy something visits a drug store at least once in three weeks' the year 'round. Here then is a challenge which we urge you to accept as a member of the health team.

During the year ahead, we would encourage the N. C. Pharmaceutical Association to mount a major campaign in the area of V.D. prevention and in so doing, to seek the guidance and cooperation of other health related agencies with an interest in controlling a disease which is taking a staggering toll in human misery.

We have evidence that our response to the challenge of drug abuse has had a positive impact on slowing this creeping menace. Now, let us devote some of our professional knowledge to preventing V.D. A sound educational approach stressing the risks involved and the preventive measures available is a serious responsibility for all pharmacists in the light of this plague in our midst.

PRESCRIPTION VOLUME AND PRICING

According to an article in American Druggist in February of this year, prescription volume is expected to double in the 70's and reach a total of about 2.3 billion annually. By 1980 the annual expenditure for drugs and drug sundries is expected to be between 11 and 13 billion dollars.

Where will these prescriptions be filled and by whom?

Can present number of pharmacists and pharmacists-to-be handle this increase?

Who will pay the bill and on what basis?

If, as expected, 70% of these prescriptions will be paid by a third party. What will influence the patient if given freedom of choice, as to where he will have them filled? Will elimination of price consideration cause him to use other criteria in the selection of a pharmacy? Will the convenience and the friendliness of the community pharmacy prevail over other considerations? Will the use of the pharmacist aide relieve the pharmacist for greater use of his professional talents?

If 3rd party payers enumerate the pharmacist for these services, who will decide on the basis for these fees?

These and many other questions confront us as we explore the future.

The evolving practice of pharmacy of tomorrow will require that each of us become active in local, state, and national professional organizations as well as legislative and political groups so that we may more effectively influence change and arrive at our own answers to questions which affect us. The N. C. Pharmaceutical Association is constantly on the alert to protect your interests and assist in your service to public health and welfare. The National Association of Retail Druggists and other national organizations represent you in Washington and elsewhere on the national level.

The recently formed N. C. Pharmacy Political Action Committee or NC PharmPac, if given proper support, can be useful in the formation of good government and be helpful in the selection of candidates favorable to better health and health care systems.

We must combine our efforts to determine our own destiny.

There are other groups willing to make the decisions for us.

But I ask you: Wouldn't you rather do it for yourself?

Following the President's Report, Mr. Brooks resumed the chair and introduced Dr. George P. Hager, Dean of the School of Pharmacy of the University of North Carolina, for a report on the progress of the School.

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UNC SCHOOL OF PHARMACY

GEORGE P. HAGER, *Dean*

(Since Dean Hager's remarks were published in the September issue of the Carolina Journal of Pharmacy, they are not reprinted here.)

At the conclusion of Dean Hager's report, Charles Blanton, Jr., president of the North Carolina Pharmaceutical Research Foundation reported on the year's activities.

N. C. PHARMACEUTICAL RESEARCH FOUNDATION

CHARLES D. BLANTON, JR.

(This report will be found in the July issue of the *Carolina Journal of Pharmacy*, beginning on Page 28.)

The next speaker for the morning was Robert J. Allen, Instructor in Clinical Pharmacy, UNC School of Pharmacy. In concluding his remarks, Mr. Allen presented these suggested roles for the pharmacist in a community health clinic:

I. C. System, Inc.

The nation's most highly specialized collection service

Your Association's Collection Service is an affiliate of a national organization currently serving members of more than 300 leading trade associations throughout the nation.

Don't lose sales volume because customers owe you money and are trading somewhere else. Your Association's Collection Service will chase those debtors back into your place of business to pay YOU direct. You will get accounts OFF your ledger and IN your bank account—and you will also have many former customers back doing business with you again. For information, contact your Association office. It will pay you to do so.

On request, A representative of the I. C. System will explain the collection program in detail.

Call or write the NCPhA, Box 151, Chapel Hill, North Carolina 27514

The pharmacist will:

1. assume responsibility for the dispensing, distribution and control of medications.
2. serve as a drug therapy analyst and promote the rational use of drugs by:
   a. maintaining a permanent chronological medication profile in the patient's chart as a means to detect drug usage problems (e.g., adverse drug reactions such as drug-food, drug-drug and drug-laboratory test interactions).
   b. advising the Family Nurse Practitioner and physician when a drug usage problem occurs and recommending a possible solution.
   c. advising members of the health team on new drugs, drugs of choice and providing a comprehensive drug information service.
   d. implementing a system of periodic drug utilization review.
3. educate the patient on the proper use of and the importance of taking his medicine.
4. educate patients with particular drug therapy problems via audio-visual reinforcement (e.g., those patients taking large numbers of drugs concurrently who cannot read directions on labels or who cannot remember when to take each medication).
5. take medication histories on new patients and old patients (when necessary) beginning an "episode of care" and incorporate this as a permanent part of the patient's medical record.
6. aid the Family Nurse Practitioner in the proper selection and fitting of ostomy appliances and other surgical appliances.
7. serve as an educator for pharmacy, medical, and nursing students.

PHYSICIAN-PHARMACIST INVOLVEMENT—1971

Dr. John Robert Kernodle, Trustee, American Medical Association spoke on *PHYSICIAN-PHARMACIST INVOLVEMENT—1971*. His address was carried in the June issue of the *Carolina Journal of Pharmacy* and is therefore not reprinted here.

PATHWAYS TO NEW PROFESSIONAL HORIZONS

Mr. Nick Avellone, President of the National Association of Retail Druggists was the final speaker for the morning session.

MONDAY AFTERNOON

The Monday afternoon, April 19 session, was opened with the report of the

NORTH CAROLINA BOARD OF PHARMACY

presented by H. C. McAllister,
Secretary-Treasurer

The report appears on page 91.

The program continued with the report of the

CONSOLIDATED PHARMACY FUND

ROBERT B. HALL, *Chairman*

When the Consolidated Pharmacy Fund came into being in 1960, your chairman had no idea of the magnitude of benefits that would be provided for the students of the UNC School of Pharmacy by its establishment. Compared with some loan funds available on the campus at UNC Chapel Hill as well as with funds of various foundations connected with the University, our fund seems small. It is much smaller than the committee would like, but the worth to the students of Pharmacy is immeasurable.

For your information there are:

59 Name-Funds—named for individuals and memorials. A named fund can be established for a minimum of $100.

1 Fund from general membership, i.e. small contributions sent in with membership dues.

1 Fund for miscellaneous memorials.

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We've got the real Carry-Corder.

And now it's even better! So c'mon in and meet the new Norelco Carry-Corder 1420. It's *the* portable cassette recorder of professional quality. Full of features that look-alikes can't come close to. From simple one-switch operation to a new push-button cassette eject. Plus hundreds of unseen parts and production steps that are the real reason the Norelco Carry-Corder is such a sound bargain.

Includes AC adapter, carry case, Remote control microphone, patch cord and C60 cassette!

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A Computerized "Accounts Receivable" system

Hand-prepared charge account statements are costly, time-consuming and liable to error.

Enhance your image as a professional pharmacy with a Gilpin computerized-accurate system that shows your customers their deductible medical expenses for the month and year to date, at the same time providing yourself an up-to-date record of aging accounts. Call today or rush the coupon for full information.

1. **An experienced, pharmacy oriented sales force** trained to assist you in merchandising and store operations. In addition to their own experience, these men are prepared to immediately draw upon a wealth of experience in every phase of store operations which exist within the Gilpin company now.
2. **A comprehensive and up-to-date convalescent aids program.** Professional assistance is available to design a program to meet your space and inventory requirements and train appropriate personnel in your store to make this a profitable department.
3. **A complete sundries program** providing sundries departments and inventories designed specifically for your store, with a built-in provision for economical and reliable restocking of your shelves. Along with this, we maintain expanding stocks of new promotional sundries and programs for increasing traffic and sales.
4. **A professional planning and remodeling service** within our organization which includes complete service in floor design, fixture and installation.
5. **Professional help in site selection,** store development and in lease acquisition for desirable sites.
6. **Computerized inventory and billing systems.** This modern computerization also makes possible a wide range of additional data services including regular issuance of individual monthly reports of DACA drugs showing quantities and dates on which they were submitted.
7. **A financial service consultant** to service you on request.
8. **Professional Services Department.** A professional services department which provides you with vital assistance in the form of direct services and/or consultation in areas including: Medicare, Medicaid, third party payment programs, pharmaceutical inventory control, federal and state regulations, and many other areas.
9. **Two giant product shows each year:** in January featuring summer goods; in July featuring selections of fall and gift merchandise and emphasizing promotional sundries.
10. **An Accounts Receivable program.** A computerized system that knows pharmacists. The program handles your charge accounts and gives your customers a monthly statement showing all their deductible medical expenses, both for the current month and for the year to date. It also provides a monthly report on the aging of your accounts in the summary.
11. **Professional advertising and promotional assistance.** Our specialists in this area now provide on-going advertising and promotional programs for many of our customers and are available to assist you in this increasingly important area of your operation. With complete stocks and complete lines of merchandise provided with it, we are well qualified to provide the services required to nail down the profit dollars which you need and deserve from your business.

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Check the area of your particular interest or need on the coupon below and mail it to us or phone us. We'll arrange for Gilpin specialists to tailor the services which your particular interest or situation requires.

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Name_____

Name of Pharmacy_____

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new
concentrated
antacid
Duration through concentration
Each teaspoonful (5 ml.) contains aluminum hydroxide, 720 mg., magnesium hydroxide, 350 mg., and calcium carbonate, 375 mg.
Average sodium analysis does not exceed 15 mg per teaspoonful
For adult dosage see side panel.
Warning: Information on the safety and efficacy of 'Ducon' in children is not available, therefore, its use in children under 12 years of age is not recommended
SHAKE WELL. KEEP TIGHTLY CLOSED. DO NOT FREEZE. KEEP OUT OF REACH OF CHILDREN
Smith Kline & French Laboratories, Phila., Pa. 19101
10 FL. OZ. (296 ml.)

All antacids are not alike.

DUCON™: DUration through **CON**centration

DUration means people may be able to take 'DUCON' less frequently.

CONcentration means 'DUCON' has a high acid-consuming capacity.

And the taste of 'DUCON' means antacids don't have to taste like chalk soup.

LAST BUT NOT LEAST:

The 73¢ profit per bottle* means 'DUCON' is the most profitable item in your antacid section.

*based on suggested retail price

Each teaspoonful (5 ml.) contains aluminum hydroxide, 720 mg., magnesium hydroxide, 350 mg., and calcium carbonate, 375 mg.

Contraindications: renal insufficiency, phosphate depletion.

Adverse Reactions: occasional laxation, nausea and, rarely, constipation. Theoretically, hypophosphatemia, hypermagnesemia, hypercalcemia, milk alkali syndrome (with prolonged administration).

Usual Adult Dosage: 2 to 3 teaspoonfuls between meals and at bedtime, or as needed (40 to 60 ml. daily).

For complete product information, see your SK&F Representative or contact SK&F.

Trademark

Ducon
antacid

SK&F Smith Kline & French Laboratories, Phila., Pa. 19101

This makes a total of 61 funds combined to form the Consolidated Pharmacy Fund.

A total of approximately 600 separate loans have been made totaling over $68,000.

Over 200 students have received financial assistance.

107 graduates of the Pharmacy School have paid their loans.

W. J. Smith, through the Association office, makes these loans. Except in most unusual circumstances, loans are limited to $125 per applicant per semester. It is felt that it is better to loan smaller amounts and be able to help a larger number of students. The astuteness of Mr. Smith as Administrator of the Fund is evidenced by the fact that a total worth of the Fund of $32,424 has enabled the previously stated amount of $68,000 to be loaned. As of March 31st, there was a cash balance of $5,057. This shows a repayment by the recipients of over $40,000. At present, $10,175 is due and being paid off in monthly payments of $50 by former students who have graduated from the School of Pharmacy. On April 1st, $17,191 was owed by undergraduates and will not be due and payable until after the students with the loans graduate. I feel sure a larger amount than this is now outstanding, because the latter part of each semester brings increased demands for funds to enable the student to meet obligations.

The UNC School of Pharmacy now ranks as the 4th largest in the country with an enrollment of over 550 students. This fact very glaringly calls to our attention the necessity for your support in order to help the Fund grow. Since no interest is charged, all funds must be derived from principal and you are our source. An increasingly heavy demand is being put on the Consolidated Pharmacy Fund as the School grows. The fact that the School is growing so fast should make it a pleasure for us to give.

The Chairman of the Fund had the enjoyable privilege of attending the Pharmacy Wives dinner in February. If each of you could have been there and had the opportunity to talk with the students and their wives and hear the gratitude expressed for the NCPhA loans as I did, our contributions received would double in the coming year.

Your support of this loan fund, administered completely by our Association Without any outside influence or interference is deeply appreciated. Your continued understanding and increased participation will be appreciated even more.

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(a) Larodopa (levodopa) is not curative and its mechanism of action is unknown, though postulated.

(b) Long-term safety and efficacy for Larodopa have not been established.

(c) Accurate diagnosis is imperative since there is no evidence that Larodopa is effective in neurological diseases other than Parkinson's disease and syndrome.

(d) About one-third of patients or more will not experience clinical improvement on Larodopa, and virtually 100% of patients will experience side effects of some degree.

(e) The dose of Larodopa producing maximal improvement with tolerated side effects must be *carefully titrated for the individual patient.*

(f) Finally, there is no evidence that early treatment with Larodopa, while possibly controlling symptomatology, alters the course of the disease.

Before prescribing, please consult complete product information, a summary of which follows:.

BECAUSE OF THE HIGH INCIDENCE OF ADVERSE REACTIONS AND THE NECESSITY FOR INDIVIDUALIZING THERAPY, THE PHYSICIAN SHOULD THOROUGHLY FAMILIARIZE HIMSELF WITH THE INFORMATION IN THE PACKAGE INSERT BEFORE INSTITUTING THERAPY WITH LARODOPA. ACCURATE DIAGNOSIS IS IMPERATIVE BECAUSE EVIDENCE IS LACKING THAT LARODOPA IS EFFECTIVE IN NEUROLOGICAL DISEASES OTHER THAN PARKINSON'S DISEASE AND SYNDROME.

ADEQUATE CLINICAL AND LABORATORY FACILITIES SHOULD BE AVAILABLE FOR PROPER MONITORING OF TREATMENT.

THE LONG-TERM SAFETY AND EFFICACY OF LARODOPA HAVE NOT BEEN ESTABLISHED.

Indications: For the treatment of Parkinson's disease and syndrome. Useful in relieving many of the symptoms, particularly rigidity and bradykinesia; frequently helpful in management of associated tremor, dysphagia, sialorrhea and postural instability.

Contraindications: In patients for whom a sympathomimetic amine is contraindicated; in patients receiving MAO inhibitors (the latter should be discontinued two weeks prior to initiating therapy with Larodopa); in patients with clinical or laboratory evidence of **uncompensated** endocrine, renal, hepatic, cardiovascular or pulmonary disease; with narrow angle glaucoma and blood dyscrasias; in patients with known hypersensitivity to levodopa.

Warnings: Long-term safety and efficacy not established. Administer with extreme caution to patients with bronchial asthma or emphysema who may require sympathomimetic drugs; to those with active peptic ulcer (in facilities equipped to treat gastrointestinal hemorrhage); in patients with psychoses or severe psychoneuroses. Initiate therapy with extreme caution and in proper treatment facility in patients with a history of myocardial infarction who have residual atrial, nodal or ventricular arrhythmias. Monitor all patients for development of mental changes, depression with suicidal tendencies, other serious antisocial behavior. Carefully consider concomitant administration of pyridoxine hydrochloride (vitamin B_6); oral doses of 10 to 25 mg have been reported to rapidly reverse the antiparkinson effects of Larodopa. In pregnancy, weigh potential benefits against possible hazards. Do not use in nursing mothers. Safety of Larodopa in children under age 12 not established.

Precautions: During extended therapy, periodic evaluations of hepatic, hematopoietic, cardiovascular and renal function recommended. In diabetic patients, control may be adversely affected; careful, frequent monitoring and proper adjustment of antidiabetic regimen required. Patients with chronic wide angle glaucoma may be treated cautiously provided intraocular pressure is well controlled and patient is monitored carefully. Monitor carefully patients receiving antihypertensive agents or psychoactive drugs concomitantly, or those with history of convulsions. If general anesthesia is required, discontinue Larodopa (levodopa) 24 hours prior to surgery; monitor cardiorespiratory functions carefully. Patients who improve on Larodopa therapy should resume normal activities cautiously. May be used concomitantly with other antiparkinson drugs with possible reduction in dosage of each.

Adverse Reactions: *Most frequently occurring:* nausea, anorexia, emesis, cardiac irregularities, orthostatic hypotension; choreiform, dystonic and other adventitious movements; dizziness, sedation, dyskinesia; psychiatric symptoms such as agitation, anxiety, confusion, depression, hallucinations, delusions, insomnia, nightmares, and mental changes including paranoid ideation and psychotic episodes. *Less frequently occurring* and listed according to system: *psychiatric*—suicidal tendencies, increased libido with serious antisocial behavior, euphoria, lethargy, stimulation, fatigue and malaise, dementia; *neurological*—ataxia, convulsions, faintness, impairment of gait, headache, increased hand tremor, akinetic episodes, torticollis, trismus, oculogyric crisis, weakness, numbness, bruxism; *gastrointestinal*—constipation, diarrhea, epigastric and abdominal distress and pain, flatulence, eructation, hiccups, sialorrhea, difficulty in swallowing, bitter taste, dry mouth, tightness of mouth, lips or tongue, duodenal ulcer, gastrointestinal bleeding, burning sensation of the tongue; *cardiovascular*—nonspecific ECG changes, palpitations, hypertension, flushing, phlebitis; *hematological*—hemolytic anemia (1 case); *dermatological*—sweating, edema, hair loss, pallor, rash, bad odor; *musculoskeletal*—low back pain, muscle spasm and twitching, blepharospasm, musculoskeletal pain; *respiratory*—feeling of pressure in the chest, cough, hoarseness, bizarre breathing pattern, postnasal drip; *urogenital*—urinary frequency, retention, incontinence, hematuria, nocturia, and one report of interstitial nephritis; *special senses*—blurred vision, diplopia, dilated pupils, activation of latent Horner's syndrome; *other*—fever, hot flashes, weight gain or weight loss.

Nausea, anorexia and vomiting usually obviated by temporary dosage reduction and/or administration with food. If cardiac arrhythmias occur, discontinue and institute other antiparkinson therapy. Reduce dosage when involuntary movements occur.

The following have been noted: elevation of BUN, SGOT, SGPT, LDH, bilirubin, alkaline phosphatase or PBI; occasionally, reductions in WBC, hemoglobin and hematocrit; elevations of uric acid with use of colorimetric method but not with uricase; rarely, positive Coombs test; dark sweat and urine.

Dosage and Administration: Because of the strong possibility of adverse reactions and the necessity for individualizing therapy, the physician should thoroughly familiarize himself with the information in the package insert before instituting therapy.

How Supplied: *Tablets,* pink, scored, containing 0.25 Gm levodopa (imprinted Roche 57) or 0.5 Gm levodopa (imprinted Roche 56)—bottles of 100 and 500.

Capsules, containing 0.25 Gm levodopa (pink and beige, imprinted Roche 55) or 0.5 Gm levodopa (pink, imprinted Roche 54)—bottles of 100 and 500.

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The only levodopa with scored tablets as well as capsules

Only Larodopa (levodopa) Roche provides scored tablets, as well as capsules, assuring highly flexible, convenient dosage titration and individualization of therapy.

By stocking Larodopa, you can keep your inventory at a minimum.

Whether the Rx calls for tablets or capsules, fill it with a Larodopa dosage form.

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More prescriptions are written for Larodopa (levodopa) Roche than for any other brand.

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Tablets, conveniently scored, 0.25 Gm and 0.5 Gm.
Capsules, 0.25 Gm and 0.5 Gm.

NCPhA INSTITUTE ENDOWMENT

HOY A. MOOSE, *Chairman*

Activity at the Institute of Pharmacy during 1970 continued at its usual high level. The building's facilities were in constant use, not only by the Association's staff and the Board of Pharmacy, but by many pharmacy related and health oriented organizations.

One of the major events taking place in the Institute during the year was the plaque dedication ceremony on September 18 and the acquisition of the James S. White Mortar and Pestle Collection.

Despite some heavy expenditures during the year for building upkeep and replacement of equipment, the Institute's cash assets (Endowment Fund) increased to $31,160.00.

Funds were expended for a new water tower, partial repainting of the exterior of the Institute, and the addition of new office equipment. Appreciation is expressed to the Woman's Auxiliary for providing a new desk for Secretary Smith and for lambrequins installed on the windows of the Institute auditorium.

We know the firebombing of the Institute of Pharmacy on March 25 is of interest to the membership. The two firebombs thrown into the building were diversionary according to investigators from the police and fire departments. Damage at the Institute was minor, but a nearby school administration building suffered $98,000 in fire damages. (The firebombing followed a march by 200 blacks who were protesting the outcome of a court case in Hillsborough. Their rallying point was in a parking lot adjacent to the Institute; hence our building just happened to be "where the action was".)

Arrangements have been made to repair the slight damage to the Institute. Prior to the fire plans were underway for remodeling one of the rooms which was involved in the March 25 firebombing. The room will be repainted and a new floor cover installed, the first refurbishing of this particular room in 20 years.

The Institute building has had and continues to have adequate fire coverage on both building and contents. In this connection, the value of the Institute of Pharmacy building is now estimated at double the initial cost in 1949-50.

The Institute corner lot at Church and West Rosemary, for which the Association paid $12,000 in 1948, if vacant today could be sold for at least $100,000. We point this out, since to duplicate our plant today it would involve a minimum investment of at least $250,000, including land, building and equipment.

The North Carolina Pharmaceutical Association was one of the first state associations to undertake the establishment of a headquarters building. But, due to the foresight and progressive thinking of our members, predating today by more than 20 years, we have a headquarters building equal to the best in the country and at a dollar cost of less than 25% of the 1971 replacement dollars.

For this favorable situation plus your continued support of the Institute and its programs, the committee expresses its grateful appreciation.

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PANEL: NORTH CAROLINA PHARMACY ISSUES AND INVOLVEMENT—1971

With Donald J. Miller serving as Moderator, a Panel Discussion was the closing feature of the afternoon. Panelists were John C. Hood, Jr., Kinston; Frank Yarborough, Raleigh; Claude U. Paoloni, Chapel Hill; Whitaker Moose, Mt. Pleasant.

TUESDAY MORNING, APRIL 20

The morning session, April 20, was opened with an Invocation by Sandy D. Griffin, Jr., Burlington, NCPhA Past-President.

Eugene Hackney, Lumberton, Chairman, reported for the

COMMITTEE ON EMPLOYER-EMPLOYEE RELATIONS

EUGENE HACKNEY, *Chairman*

Mr. Carl Roberts, Director of the Legal Division of the American Pharmaceutical Association addressed the 4th Annual Pharmacy Seminar on the Socio-Economic Aspects of Pharmacy Practice held in Chapel Hill in February 1970 and the title of his address was "Unions and Professionalism in Pharmacy: An Incompatability." Mr. Roberts said "That one of the most serious crises affecting the profession of Pharmacy today is one of professional identity and recognition and respect as a profession."

Then Mr. Roberts spoke of the problems and situations involving pharmacists and trade unions in areas all over the United States. He stressed the attitude of *Pro-Professionalism* that should be followed if Pharmacists are to be true professionals and not be swallowed up by labor organizations in hospitals, chains and other pharmacy operations. This has happened in some areas of the United States.

At another time Mr. Roberts said and I quote "I have emphasized the desirability if not the necessity of dealing with your employed pharmacists on a basis of professional relationship. You treat your employees decently. If that general guideline were to govern every professional employment relationship we wouldn't have any unions threatening pharmacy. When pharmacists, employer and employee, start dealing with one another as colleagues, we will have taken a tremendous step towards heading off any encroachment by trade unions and trade unionism in the profession of pharmacy," unquote.

In concluding his remarks, Mr. Roberts mentioned the fact that the American Pharmaceutical Association had under consideration a policy statement that would "set the standards for professional relationships between pharmacists." He was hopeful that pharmacists in North Carolina would consider this important and essential matter.

Following the seminar a committee was appointed by President Tate to consider Employer-Employee Relations in North Carolina. A meeting was held in Chapel Hill on March 18th, 1971 and we present this very preliminary report. At this meeting the committee decided to accept assignments in areas which may eventually result in a suggested guideline for employers and employee in this state. Quarterly meetings will be held in hope that this guideline may be completed before the 1972 convention. The committee also agreed to sponsor a survey on salaries, fringe benefits and other related information in order that the committee establish a broad knowledge of existing conditions between employer and employee throughout North Carolina. The committee urges maximum participation in this survey so that a guideline which is realistic and beneficial may be developed.

The make up of the committee is very broad and covers all phases of North Carolina pharmacy and represents a wide geographic area. There are representatives from the School of Pharmacy, a wholesale company, pharmacy owners, staff pharmacists from independent, chain, hospital and government operations.

In May 1970 the Iowa Pharmaceutical Association House of Delegates adopted a suggested guideline regarding employment of pharmacists to improve employer-employee relations. This document has been very helpful to us and we have made committee assignments on the basis of their guideline as follows:

1. DUTIES ON THE STAFF PHARMACIST, Members are Winston Burroughs,

Maintain your professional image

Merck
Prescription Chemicals
& Narcotics

Many prescriptions such as ointments, nose drops and cough syrups, to mention a few, still require the know-how of a registered pharmacist. Even a casual observer in any pharmacy is mightily impressed when he sees a prescription being compounded. There is an intangible value gained by watching an expert at work. It instills even greater respect and confidence for the profession and the man who has chosen it for his life's work. The use of Merck Prescription Chemicals will not only enhance your professional ability, it will establish you as one who demands the highest quality in chemicals used for compounding.

Merck Chemicals are distributed by **MERCK CHEMICAL DIVISION**, MERCK & CO., INC., Rahway, N.J.

Southern Pines and Fred Rachide, Fayetteville.

2. SALARIES AND SCHEDULES, Members are Marion Edmonds, Greensboro and Donald Peterson, Durham.
3. FRINGE BENEFITS POLICIES, Members are John H. Rosser, Charlotte and David Work, Chapel Hill.
4. INTRAPROFESSIONAL RELATIONS, Members are Donald Deaton, Martinsville, Va. and W. M. Oakley, New Bern.
5. PROCEDURES FOR HIRING PROFESSIONAL PERSONNEL, Members are John A. Dawson, Jr., Charlotte and C. L. Futrell, Cary.

Should you have questions or suggestions to be made please contact me, Mr. W. J. Smith or any member of the committee. Please remember to answer your survey questionnaire when you receive it in the near future. The results of this survey will be our most vital tool in preparing the suggested guideline for your consideration.

At the conclusion of Mr. Hackney's remarks, Mr. William H. Randall, reported for the

COMMITTEE ON LEGISLATION

W. H. RANDALL, *Chairman*

This has been a very trying year for your Legislative Committee composed of Donald K. Chapman, James L. Creech, John Mitchener, Claude U. Paoloni, H. N. Rogers, Jr., W. A. West, and W. H. Randall, Chairman. It seems that nationally and on the state level more bills have been presented which effect each of us in our everyday practice than I can remember in several years.

We are all very much aware of the National Control Substances Act and expect to receive much enlightment on this act later on this morning. Therefore, we will not discuss this vital issue at this time except to express appreciation to our Secretary, W. J. Smith, and all others who had anything to do with the printed inventory form we received during the last few days for use on May 1, 1971.

One legislative item carried over from last year was our Code of Ethics. The Board of Pharmacy held many meetings on this subject during the last year, including two public hearings, and adopted our Code of Ethics effective January 1, 1971. To date most of the complaints lodged with The Board of Pharmacy, regarding violations of code have concerned advertizing that seemed to violate the code. I feel sure that as the code becomes more familiar to all of us that it will improve our professional relations, not only with our fellow pharmacists, but also with others in our community.

Blue forms, Title XIX (medicaid) programs seem to always be in the news and in our hair. We have all had checks withheld to underline the fact that money is always a problem with programs of this type. It is felt that a bill will be introduced that will allow the state to assume the counties financial part of this program. Our legislative committee would support a bill of this type that would equally serve all counties in our state.

The North Carolina Dangerous Drug Act has been introduced in our state legislature. Your committee met and spent much time on this 72 page document. It was felt that there will be many items that we would have to oppose. This bill was referred to House Judiciary #1, then to a Sub-committee of seven members for study. The sub-committee has met four times, each time you have been represented by your association and legislative committee. At the present two members of the sub-committee have been assigned the task of rewriting the act so that it will remedy the objections that have been raised by your association, The Drug Manufactures and The Drug Wholesalers. We owe a debt of gratitude to one man who has done an outstanding job for our association in these hearings with the sub-committee. That man is Dr. Dave Work, who as a Pharmacist-Attorney is able to see our problems from a legal standpoint and has volunteered to help the sub-committee in anyway to rewrite the act so that it may be the good bill we all desire. At the present no one knows what the final bill will be, but I feel sure that because of the NCPhA, the state of North Carolina will have a better act than the original.

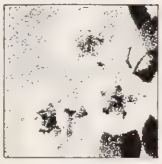
Our legislative committee realizes the need we have for an active organization

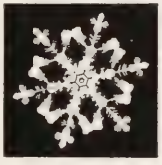
Open season on stuffy noses

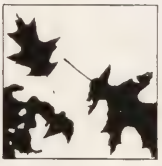
Winter viruses, spring allergies, dragging "summer colds," or autumn hay fever—it seems there's always something causing stuffy noses.

But whatever the reason—whatever the season—Privine makes it "open season" on stuffy noses.

Customers want fast relief. And that's what Privine is famous for.



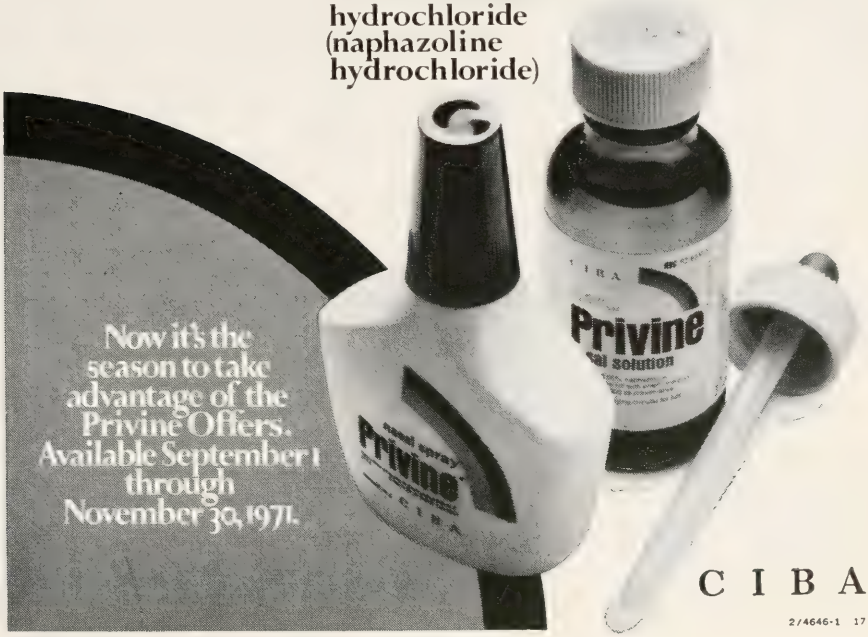




So keep both Privine Nose Drops and Nasal Spray in mind. And keep them in stock. They're fast acting. And fast selling. And Privine is OTC.

CIBA Pharmaceutical Company
Division of CIBA-GEIGY Corporation
Summit, New Jersey 07901

Privine
hydrochloride
(naphazoline hydrochloride)



CIBA

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such as PharmPac to involve each of us, as a pharmacist, in political action. When we go to our state legislature and find only pharmacist, Senator John Henley, we realize we need other men to help John Henley represent pharmacy on the state government level. Bill Wilson of Raleigh is Secretary-Treasurer of PharmPac and I urge each of you to see him and join now so that we may be able to exert more influence politically.

There were several items presented to the legislative committee as possible items that needed state law revisions. Three of these have been approved by your committee, presented to the NCPhA Executive Committee, approved by them and today we present these to you for your action. If you approve, these bills will be introduced in our state legislature for enactment into law.

#1 PHARMACIST INTERN LICENSE
#2 PHARMACISTS RECIPROCITY
#3 PHARMACIST GENERAL LICENSE

Thank you for your attention and interest in these bills. On behalf of our legislative committee, I wish to state that I am sure we will be in Raleigh many more times before this session ends. We will do everything in our power to try to get the action that is best for pharmacy and the public.

I wish to express my thanks to each member of the committee for their work and interest. To all you members who have met with our committee, either in Chapel Hill or Raleigh and for your assistance we are grateful. A special thanks to our Secretary, W. J. Smith, for his assistance in the work of the committee. And The Board of Pharmacy Secretary, H. C. McAllister, for his assistance and comments.

The next program feature

"THE BIG STORE RETAILING CHALLENGE IN THE 70's"

was presented by Steve Van Osten, Retail Sales Manager, and James P. Healy, Jr., Retail Sales Promotion Manager, Bureau of Advertising, ANPA.

Mr. Vincent J. Lozowicki, Bureau of Narcotics and Dangerous Drugs, spoke on

"THE CONTROL SUBSTANCES ACT AND THE PHARMACIST"

A Question and Answer period closed the session.

TUESDAY AFTERNOON

The final session of the 1971 Convention opened with the report of the Secretary-Treasurer, W. J. Smith.

REPORT OF W. J. SMITH

Secretary-Treasurer

This city and this hotel are of special significance to me for it was here thirty years ago my first annual report as executive secretary of the NCPhA was presented. So many changes have taken place in the intervening years it would be difficult to even distill even a brief mention of the highlights of those days.

Our meeting in 1941 was held in the Washington Duke Hotel, later the Jack Tar, now the Durham Hotel. Much of my report reflected the suggestions of members who I had visited the previous ten months. We were still selling a fair quantity of Crazy Water Crystals and if someone mentioned "union suits," he was referring to BVDs, not employer-employee relations.

Pharmacist compensation was $35.00 a week and the standard work week was indefinite . . . as one employer put it: Come early and stay late. Fringe benefits might have included a vacation, with or without pay, and a pharmacy graduating class at Chapel Hill of 40 seniors was front page news.

The Institute of Pharmacy and the N. C. Pharmaceutical Research Foundation were not in the talking stage and hospital pharmacy was just beginning to go on stage.

We could and would like to comment on the pharmaceutical personalities we have been privileged to know and work with over the past 30 years but that will have to wait another time and place. I shall always cherish the memory of Mr. Hancock and Dr. Zoeller, two pharmacists who were present that May day in 1881 when the NCPhA was organized and who continued to labor well after I came on the Association scene.

It is difficult for a young pharmacy stu-

dent or pharmacist of today to relate to conditions as they existed 30 or 40 or 50 years ago. Perhaps there is nothing constructive to be gained from relating but to those of us who went thru the depression, with banking service practically non-existent in the state, then into WW II with rationing, stamps,—and I don't mean the green variety—and the cola substitutes, those days are very real to us and undoubtedly contribute to our conservative stance on some present-day issues.

This could go on and on but it really has no valid place in a report of this nature. After all, you and I, beginning this very minute, will spend the rest of our lives in the future and that is where our primary interest will be.

Now, briefly, a few contrasts and mention of where we stand today—financially and membership-wise.

LAST 7 MONTHS OF 1940

Cash on Deposit	$1800
Income for June-December, 1940	$1414
Disbursements for same period	$2381
Deficit for period	967
Pharmacist Members: 615	

CALENDAR YEAR 1970

Total Dues	$44,853.00
Total Income	$79,617.41
Total Disbursements	$78,038.68
Excess Receipts over Expenses	1,578.73
Fund Balances (General, Loan & Endowment) Ending December 31, 1970	$162,703.19

Two NCPhA-Endorsed Insurance Plans Which Merit Member Participation

DISABILITY INCOME PROGRAM

BASIC PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Two Years

EXTENDED PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Five Years

MAJOR MEDICAL EXPENSE PLAN

PLAN I: $12,000 Maximum Benefit including $16 Daily Room Limit
PLAN II: $18,000 Maximum Benefit including $24 Daily Room Limit

FOR DETAILS WRITE OR TELEPHONE

HOYT W. SHORE, C.L.U. and ASSOCIATES
205 South Church Street—Suite 303
Charlotte 2, North Carolina
Telephone: 333-1393

Washington National
INSURANCE COMPANY
EVANSTON, ILLINOIS

rake in the profits!
ANNOUNCING
autumn deal
Allbee with C
100 CAPSULES
buy now for bigger fall and winter profits
A.H. Robins announces a special money-saying deal on Allbee with C. Here's your chance to get the very best buy on the number one vitamin in its class in drug store sales. Last year Allbee with C led in purchases with 25% of this big $20 million plus market. This increased to a whopping 32% share during the first part of 1971. Such an outstanding performance isn't surprising when you consider that it's the B-complex with C most often prescribed by the medical and dental professions. More than a million scripts were filled last year, and this didn't even include professional recommendations or over-the-counter sales. Over one half of all Allbee with C sales are OTC.
You purchase and sell far more Allbee with C. Isn't it good business to also give it more facings and shelf space? Your Robins representative will be around soon to discuss the deal and facings with you. You've got Deal Power with Allbee with C, and that means a better deal for you.
Put your facings where your profits are!
(Deal runs Oct. 1—28)
A. H. Robins Company, Richmond, Va.
A·H·ROBINS

The Carolina Journal of Pharmacy, operatedly separately, cost roughly $10,000 with a $2,000 supplement by the NCPhA.

Total cash assets of the Association, not including real estate and Institute of Pharmacy building and equipment, was slightly more than $70,000 at the close of 1970.

Pharmacist membership is now past the 1600 mark. Last year was our best membership year—132 new members added to the roll. Loss of members for all causes is less than 3%.

In connection with membership, North Carolina has one of the highest membership percentages to potential in the nation—about 75%. Some states run as low as 20%.

From an operational standpoint, our daily correspondence is far greater than the total monthly correspondence was in 1940. And incoming telephone messages now necessitate two lines and still you may have difficulty reaching Association headquarters. That $35 typewriter bought on time in 1940 has been replaced with six modern machines, two of them electric.

I keep no time record book but I do know that a high percentage of the daily work schedule, in addition to the editing the Journal and supervising activities in and around the Institute of Pharmacy, have been devoted to drug abuse information programs with the co-related controlled substances act and the proposed N. C. Dangerous Drug Act.

In regard to the Controlled Substances Act, the Association insisted some sort of practical inventory form be made available, and, although this was not in the initial planning, such a form has and will be mailed to you prior to the May 1 inventory date. We like to think the Association had some small part in convincing the Bureau of Narcotics & Dangerous Drugs that such a form would be essential for an accurate inventory.

We have received some complaints about the form but had you attempted to meet the inventory requirement as originally proposed, which listed the drugs by chemical name, not brand names, we can imagine the end results. Even at best, the task is going to be a difficult one.

I am quite aware of the continuing, growing competitive nature of our profession. The Association constantly seeks solutions to our problems as witness the varied nature of the convention program now concluding and the hundreds of assemblies, small and large, that take place in our state each year. On the average, some pharmacy meeting takes place every day of the year and hopefully, we all gain professionally and economically from the time involved.

Front end sales have been declining for several years and the adjustments being taken are varied. Fortunately, prescription volume continues at a high level and the predictions, generally related to third party pay programs, are for still further increases.

Apparently underway is a trend of employing only the most qualified pharmacists—this in the face of our long-standing position on the shortage of pharmacists and that he or she is employable short of being confined to a wheelchair. I personally know of four pharmacists who have been discharged in the last ten days and they are now unemployed. Perhaps this is an alert signal.

It is stimulating to see so many of our pharmacists put their professional knowledge and know-how to use. With the right sort of dedication, clinical pharmacy can be practiced in many setting and in addition to the professional satisfaction one gains from sharing his knowledge with others, the monetary gains can be quite significant—more than $5000 in extra income to one pharmacist I could cite.

As to the future, if a prediction is in order, my personal observation would be that our professional and economic success ahead would be orientated to the professional expertise we bring to the delivery of health care rather than the co-related product. The present-day pharmacist could replace many of the functions now performed by medical doctors and he may be doing just this one day.

One of the plusses of Association work is the opportunity such work has and continues to make possible to identify with so many dedicated members. In particular, due to the nature of the Association's structure, we are involved with the organization's executive committee on a continuing basis and

high on the list is the president. You have always provided pharmacists of high purpose in this capacity and this year in particular, I pay tribute to President Brooks and his wife, Bernice. Sincere, devoted, qualified and ever-ready to serve, this husband-wife team now joins so many others who have made the NCPhA a responsible and consulted member of health organizations of North Carolina.

The community pharmacist is Pharmacy's base. He is the most readily accessible of the health team and he will be around for a long time to come. His operating procedures may be altered but fundamentally, still following routines which have earned for him the public confidence and trust for countless ages.

There is a short but particularly impressive poem by R. L. Sharpe that seems appropriate to this group:

Isn't it strange that Princes and Kings
And clowns that caper in sawdust rings
And common folks like you and me
Are builders for Eternity
To each is given a kit of tools
A lump of clay and a book of rules
And each must build ere life has flown
A stumbling block or a stepping stone

We have the tools, a lump of clay and our book of rules—let us build a giant stepping stone, and then another and another and another. As we build, the path will become straighter, truer, and easier for those who follow.

Information on DRUG INTERACTION important to every pharmacist

More than a mere compilation of reported drug interactions, this booklet provides a fuller understanding of *how* and *why* drug interactions occur. Its purpose is to help you anticipate such situations and to aid you in your role as the physician's advisor in the prevention and management of drug interaction problems.

This booklet reflects Lederle's continuing commitment to support the efforts of pharmacy in gathering and disseminating information regarding drug interaction.

Mr. Gale Smith,
Manager, Customer Relations
LEDERLE LABORATORIES
Pearl River, New York 10965

Please send me a copy of DRUG INTERACTIONS—A REVIEW OF THE MECHANISMS BY WHICH THEY DEVELOP by Daniel A. Hussar, Ph.D.

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Lederle

LEDERLE LABORATORIES
A Division of
American Cyanamid Company
Pearl River, New York 10965

August 12, 1971

To the Board of Directors
North Carolina Pharmaceutical Association
Chapel Hill, North Carolina

I have examined the combined balance sheet of the NORTH CAROLINA PHARMACEUTICAL ASSOCIATION at December 31, 1970 and the related statements of revenue, expenditures and fund balance of the various funds for the year then ended. My examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures considered necessary in the circumstances.

In my opinion, the accompanying combined balance sheet and statements of revenue, expenditures and fund balance present fairly the financial position of the NORTH CAROLINA PHARMACEUTICAL ASSOCIATION at December 31, 1970 and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

W. R. Inman
Certified Public Accountant

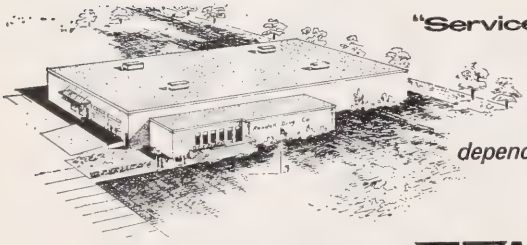
CONSOLIDATED STATEMENT OF REVENUE AND EXPENSE—1970

INCOME:

General Fund	$74,268.26	
Endowment Fund	2,023.46	
Loan Fund	3,325.69	
Total		$ 79,617.41

EXPENSES:

General Fund	$ 78,038.68
Excess of Receipts over Disbursements	1,578.73
Fund Balances Beginning (Total)	$161,124.46
Fund Balances Ending (Total)	$162,703.19



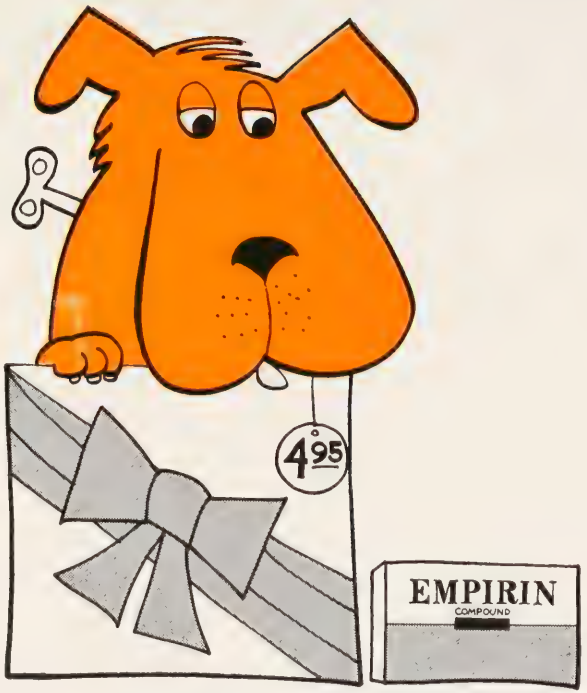
"Service In Wholesale Quantities"

Every modern ingredient for rendering prompt, dependable service to the druggists of Western Carolina

C. RUSH HAMRICK, JR.
President

GORDON G. HAMRICK
Vice President

KENDALL DRUG COMPANY
SHELBY, N.C.



All joking aside, Empirin Compound is one of your most profitable analgesics. And Empirin is making waves it's never made before, so it really deserves a little more of your attention.

Now, there are more than two million opportunities a month for practically all physicians, all nurses and all dentists to see the new advertising for Empirin Compound.

And when these health professionals recommend Empirin, their patients won't be looking for it in supermarkets—but in pharmacies.

Should you put **EMPIRIN®** Compound next to your most profitable item?

So, look to your stock. In addition to good profits from Empirin Compound, the extra traffic should help you move a lot of other items as well.

Display Empirin Compound for greater sales and profit.

When customers ask your professional advice:
Recommend two Empirin tablets every three hours, for minor aches and pains, simple headache and toothache, and to help relieve the discomfort of colds.

Empirin Compound.
Consistent relief.

Wellcome

Burroughs Wellcome Co.
Research Triangle Park
North Carolina 27709

Or, should you put your most profitable item next to EMPIRIN Compound?

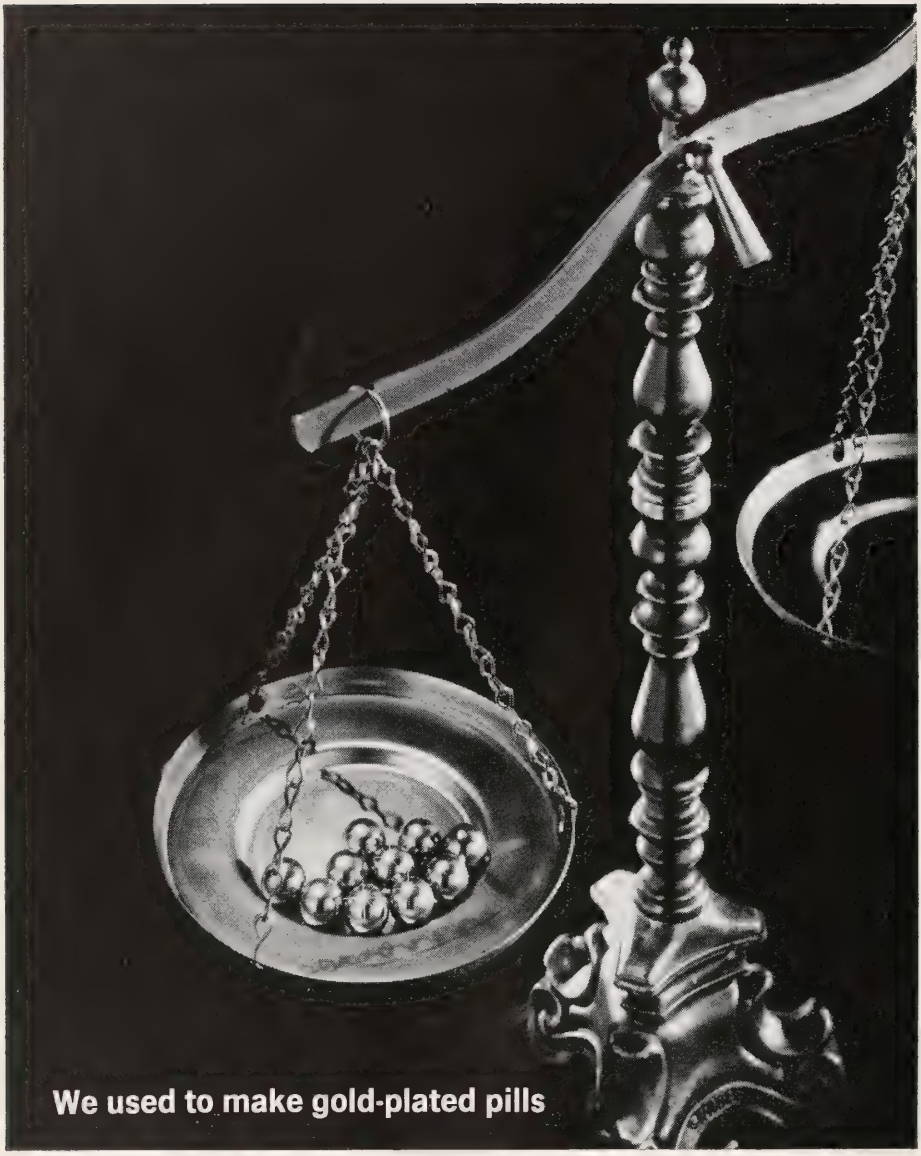
NORTH CAROLINA PHARMACEUTICAL ASSOCIATION

GENERAL FUND

STATEMENT OF REVENUE, EXPENDITURES AND FUND BALANCE

For the Years Ended December 31, 1970 and 1969

	1970	1969
Revenue:		
Dues:		
Current year	$41,095.00	$40,555.00
Prior year	330.00	465.00
New members	3,355.00	2,310.00
Students	73.00	698.00
	44,853.00	44,028.00
Journal advertising and subscriptions	8,622.24	9,248.25
Conventions and other meetings	6,894.95	5,385.87
Contributions	1,382.09	2,643.98
Rental of association facilities	1,800.00	1,865.00
Sale of books, formularies and other supplies	4,147.83	1,161.39
Dividends and interest	2,058.75	1,867.18
Commissions	4,509.40	3,237.98
	74,268.26	69,437.65
Expenditures:		
Salaries	28,489.32	25,015.85
Officer's benefits	2,254.82	1,952.00
Insurance	1,075.52	886.54
Depreciation	3,163.60	3,127.71
Conventions and other meetings	9,290.80	4,146.30
Journal printing expense	9,634.11	8,666.75
Office supplies and expense	5,916.87	4,252.70
Public relations	976.50	1,116.96
Payroll taxes	1,305.14	963.86
Other taxes	2,107.89	1,909.45
Travel	416.22	732.34
Dues and subscriptions	676.17	915.47
Books, trim kits, and formularies	3,334.77	233.38
Contributions	555.00	440.00
Telephone and telegraph	640.52	408.87
Postage	2,872.17	2,745.09
Audit and legal	1,730.00	1,611.00
Building maintenance	1,164.58	1,182.13
Heat, lights and water	1,170.35	1,429.70
Auto expense	674.06	747.04
Awards	381.73	330.43
Photographs	208.54	41.49
Legislative lobby expense		3,993.85
Bad debts		30.00
Transfers to Endowment Fund—memorials to deceased members	40.00	100.00
	78,078.68	66,978.91
Excess (deficiency) revenue over expenditures	3,810.42	4,305.58
Provision for Income Tax on unrelated business income (1969 & 1970)	966.53	
Total to Fund Balance	4,776.95	4,305.58



We did from 1913 into the mid-Twenties. They were rolled on this gold leaf to pick up a fine golden luster.

We don't do it now.

Today, we concentrate on putting the quality on the inside, where you and the doctor and the patient want it.

The name Upjohn is on the outside.

That says it just as well.

Upjohn

© 1969, The Upjohn Company, Kalamazoo, Michigan

PANEL: NORTH CAROLINA PHARMACY ISSUES AND INVOLVEMENT—1971

Jesse M. Pike served as Moderator for a panel discussion covering

Franchise, The Way To Success—A Lyle Davis, Statesville

Personal Prescription Profile—J. D. Whitehead, Enfield

A Unified Approach to Third Party Rx Billing—Dr. David Work, Chapel Hill

Sub-Professionals—Seth G. Miller, Lexington

DrugCare-PeopleCare—Tom Burgiss, Sparta

Political Involvement—A Necessity for Survival—W. H. Wilson, Raleigh

At the close of the panel discussion, Greetings were brought to the session by Mrs. W. Grover Creech, President of the NCPhA Woman's Auxiliary, and Rush Hamrick, Jr., Shelby, President of the Traveling Men's Auxiliary.

RESOLUTIONS COMMITTEE

The Committee on Resolutions submitted their Report, text of which was printed in the May 1971 issue of the Carolina Journal of Pharmacy, Page 11.

NOMINATING COMMITTEE

The Nominating Committee, with Chairman W. Dorsey Welch reporting, offered the following slate, which was duly accepted as submitted: For First Vice-President (President-elect): William G. Forrest, Gastonia and W. Whitaker Moose, Mt. Pleasant; For Second Vice-President: Mack Elmo McCorkle, Burlington and W. H. Wilson, Raleigh; For Third Vice-President: Frank M. Hemingway, Bethel and Lloyd M. Whaley, Wallace. For Member of Executive Committee—1 year term: Thomas W. Barnes, Shelby; Donald K. Chapman, Winston-Salem; Marion M. Edmonds, Greensboro; Rex A. Paramore, Nashville; Walter K. Saunders, Jr., Burlington; Joe P. Tunstall, Washington. For Member of N. C. Board of Pharmacy, 5-year term: Wade A. Carter, Gastonia and Jesse M. Pike, Concord.

For Directors of N. C. Pharmaceutical Research Foundation: Joe P. Barbour, Sr., Burlington; Charles D. Blanton, Jr., Kings Mountain; F. Herman Cline, Charlotte; Robert B. Hall, Mocksville; Hoy A. Moose, Mt. Pleasant; W. Prentiss O'Neal, Belhaven; Albert P. Rachide, Jacksonville; John T. Stevenson, Elizabeth City.

Note: The outgoing NCPhA President, B. Cade Brooks, in accordance with NCPhA By-Laws, serves as a member of the Executive Committee for a 3-year term. Also, Donald Miller, First Vice-President serves as President-elect with his term as President to begin in 1972.

REGISTRAR'S REPORT

A. H. Mebane II, official NCPhA Convention Registrar, reported on attendance as follows:

CONVENTION REGISTRATION

NCPhA Members	188
Visitors—Paying	6
Guests—No Fee	19
Guests—Burroughs Wellcome Pharmacists	33
Woman's Auxiliary Members	135
Traveling Men's Auxiliary	92
Pharmacy Student Wives	9
Pharmacy Students, UNC	35
Total	517

INSTALLATION OF OFFICERS

Retiring President B. Cade Brooks installed officers to serve for 1971-1972, as follows: President, John C. Hood, Jr., Kinston; First Vice-President, Donald J. Miller, Morganton; Second Vice-President, W. Whitaker Moose, Mt. Pleasant; Third Vice-President, W. H. Wilson, Raleigh; Members of the Executive Committee (in addition to past-presidents who are serving three-year terms): Roger Sloop, Rural Hall; Frank Yarborough, Raleigh; Tom Burgiss, Sparta. W. J. Smith will continue to serve as Secretary-Treasurer.

Following the Installation, Mr. Brooks presented President Hood with the President's Pin and Mr. Brooks, in turn, received a Past-President's Emblem.

There being no further business, the 91st Annual Convention was adjourned *sine die*.

Officers of the N. C. Pharmaceutical Association for 1971-72 are shown above, left to right, front row: John C. Hood, Jr., President; Donald Miller, President-Elect; W. Whitaker Moose, Second Vice-President; W. H. Wilson, Third Vice-President; W. J. Smith, Secretary-Treasurer; and B. Cade Brooks, Immediate Past President. Members of the Executive Committee are pictured, left to right, rear row: Roger Sloop, Frank Yarborough, Tom Burgiss and James L. Creech. Photo by Colorcraft

NORTH CAROLINA PHARMACEUTICAL ASSOCIATION
ALPHABETICAL ROSTER OF MEMBERS

—A—

Adams, Charles Edwin, Box 55 ..... Fuquay Varina 27526
Adams, James Walter, Prof., Pharmacy, Doctors Bldg., Doctors Dr. ..... Asheville 28801
Adams, William R., Jr., P. O. Box 3161 ..... Wilson 27893
Adkinson, Newton F., Adkinson Drug Company ..... Avondale 28008
Albright, George B., Box 1328 ..... Salisbury 28144
Albright, George B., III, D-8 Medical Foundation Arts,
1902 Queen St. ..... Winston-Salem 27103
Alexander, Jack Lewis, Highlands Rexall Pharmacy ..... Highlands 28741
Alford, Suzanne Keith, 527 Banks St. ..... Raleigh 27604
Allen, Billy Thomas, 402 Hawthorne Rd. ..... New Bern 28560
Allen, Harry H., Jr., P. O. Box 125 ..... Cherryville 28021
Ameen, John U., 501 New Hope Road ..... Gastonia 28052
Ammons, Dallas Lee, P. O. Box 1328 ..... Salisbury 28144
Ammons, Jack Austen, Rt. 1, Box 18-0 ..... Waynesville 28786
Anderson, Carolyn Cox, 3030 Westchester Rd. ..... Lansing, Mich. 48910
Anderson, Ernest R., Jr., 916 Rotary Drive ..... High Point 27260
Anderson, Eugene Gibson, Box 636 ..... Elizabethtown 28337
Anderson, William N., P. O. Box 1021 ..... Hickory 28601
Andes, Garrette Earl, P. O. Box 207 ..... Wadesboro 28170
Andrews, F. Jackson, Apt. 2A, 333 Homeland Southway, Homeland Apts.,
Homeland Ave. & Springlake Way ..... Baltimore, Maryland 21212
Andrews, John Puett, 1308 S. Hawthorne Rd. ..... Winston-Salem 27103
Andrews, John Warren, 1308 S. Hawthorne Rd. ..... Winston-Salem 27103
Andrews, Richard Homer, 601 Fountain Place ..... Burlington 27215
Arena, James Edward, 3009 Shaftsbury Drive ..... Durham 27704
Arnold, Broddie Duke, 3021 Hillsboro Street ..... Raleigh 27607
Artemes, Ares Lambros, 1850 E. Third St. ..... Charlotte 28204
Ashworth, Ralph Hilliard, P. O. Box 98 ..... Cary 27511
Austell, Ronald L. Cornwell Hospital Pharmacy, Box 1547 ..... Shelby 28150
Austraw, Richard F., 38 Crockett St. ..... Asheville 28805
Avery, Jan Wayne, 1740 W. Nash St. ..... Wilson 27893
Aycock, Susan Gretz, Box 1827 ..... Rocky Mount 27801

—B—

Baber, Larry Gene, 607 Greenville Highway ..... Hendersonville 28739
Badger, James Michael, Rt. 1, Box 210FF ..... Jefferson 28640
Bailey, John William, U. S. Naval Hospital ..... FPO New York, New York 09521
Baity, James Oliver, 3223 Dreisler Place ..... Greensboro 27405
Bane, Gordon H., Lowell Drug, Inc. ..... Lowell 28098
Banner, Robert Dale, Spruce Pine Pharmacy ..... Spruce Pine 28777
Barber, Robert William, Rt. 3, Box 166 ..... Clayton 27520
Barbee, George Sprite III, Jacocks Pharmacy, Inc. ..... Elizabeth City 27909
Barbour, Joseph Parker, 427 Glenwood Avenue ..... Burlington 27215
Barbour, Joseph P., Jr., Barbour Drugs, Inc., Edgewood Ave. Ext. ..... Burlington 27215
Barbour, Robert Layton, Barbour Drugs, 2213 Edgewood Ave. ..... Burlington 27215
Barbrey, Herman Sutton, Jr., 3149 Ward Rd. ..... Raleigh 27604

Barefoot, Lexie Glenn, Long Beach Rural Station ..... Southport 28461
Barnes, James E., 804 Homeland Ave. ..... Greensboro 27405
Barnes, Thomas W., 808 Hill Street ..... Shelby 28150
Barnes, Walter L., Jr., 105 Saratoga Tr. ..... Chapel Hill 27514
Barnett, Charles Mason, 221 Crestwood Rd. ..... Henderson 27536
Barnett, Frank, Jr., 2450 Westover Dr. ..... Henderson 27536
Barnett, Jimmie, 139 Edgewood Drive ..... Henderson 27536
Barrett, Joe Hilton, II, Apt. G-5, 3206 Sunset Ave. ..... Rocky Mount 27801
Barrett, Raymon Ellis, 30A Brookwood Gardens Apt. ..... Burlington 27215
Barringer, Harry Alexander, 305 Sunnyside Dr., SE ..... Concord 28025
Barringer, John Marshall, Box 382 ..... Carthage 28327
Bartlett, John Bradley, P. O. Box 158 ..... Bailey 27807
Barton, William H., Pleasant Garden Drug Store, Inc., ... Pleasant Garden 27313
Bass, Walton Elbert, Jr., 2007 Forest Hill Rd. ..... Wilson 27893
Batista, Ana Maria, 325 Quaker Lane ..... High Point 27261
Batten, Welch Middleton, Rt. 2, Box 413 ..... Williamston 27892
Baugham, Edgar Lassiter, Jr., 2413 Briarwood Dr., ... Burlington 27215
Beale, Garland Wood, Jr., P. O. Box 226 ..... Broadway 27505
Beale, Jesse J., Jr., 997 Hampton Place ..... Mooresville 28115
Beason, Robert Hoyle, Box 775 ..... Boiling Springs 28017
Beatty, Dennis Gold, 1232 N. LaFayette St. ..... Shelby 28150
Beavans, Samuel Clark, W. E. Beavans Drug Co. ..... Enfield 27823
Beck, Quay H., Fletcher Pharmacy ..... Fletcher 28732
Bell, Charles David, 3620 Benchley Rd. ..... Winston-Salem 27106
Bell, Henry C., 2000 Linwood Rd. ..... Gastonia 28052
Bell, L. R., 301 N. Howard Circle ..... Tarboro 27886
Belton, Charles N., Hollingsworth Drug Co. ..... Mt. Airy 27030
Bender, George Walker, 2726 Millbrook Rd. ..... Fayetteville 28303
Bender, Walker Meares K., P. O. Box 1450 ..... Fayetteville 28302
Bennett, Donald Leon, 910 N. Tenth St. ..... Albemarle 28001
Bennett, Kelly Edmond, Bryson City Drug Co. ..... Bryson City 28713
Benson, Harley O'Neil, 708 Diana Dr. ..... Thomasville 27360
Benson, Lawrence Monroe, Jr., 1550 W. Blvd. ..... Charlotte 28208
Berg, Allan, 121 Windham Way ..... Hendersonville 28739
Berwick, William Charles, III, 3120 Amherst Rd. ..... Rocky Mount 27801
Bess, Thomas Henry, 2922 Union Rd. ..... Gastonia 28052
Best, John Harper, 204 Mayflower Dr. ..... Greensboro 27406
Bias, William Carol, 100 South Green St. ..... Wadesboro 28170
Biggs, John Waller S., Biggs Drug Store, Box 837 ..... Greenville 27834
Bishop, Robert E., P. O. Box 3367 ..... Wilmington 28401
Bissett, Donald Hines, 1200 N. Elm St. ..... Lumberton 28358
Bissette, Paul Branch, Jr., P. O. Box 785 ..... Wilson 27893
Blackney, Boyd Roselle, 3211 Pendleton Ave. ..... Charlotte 28210
Blalock, George Asbury, Jr., #10 Jefferson Apts. ..... Rockingham 28379
Blanchard, Norwood Pitt, Jr., 2225 Chapel Hill Rd. ..... Birmingham, Ala. 35216
Bland, Joseph F., 1248 S. Main St. ..... High Point 27260
Blanton, Charles Donald, Jr., Box 272 ..... Kings Mountain 28086
Bliss, Jean Winter, 1300 Ardberry Place ..... Charlotte 28211
Blount, James Gordon, Hollowell's, Inc., P. O. Box 209 ..... Edenton 27932
Bobbitt, Hilliard Fletcher, P. O. Box 537 ..... Glen Alpine 28628
Boger, Richard Albert, 901 Broad Street ..... New Bern 28560
Bolick, Harold Arthur, P. O. Box 259 ..... Hudson 28638
Bolton, James Cener, III, P. O. Box 441 ..... Woodland 27897

Bolton, Robert Baugham, P. O. Box 255 ..... Rich Square 27869
Booker, Elsie Hudson, Rt. 2 ..... Chapel Hill 27514
Boone, William Shelton, 1004 Bradbury Dr. ..... Greensboro 27410
Boone, William Thomas, Boone's Pharmacy, P. O. Box 69 ..... Ahoskie 27910
Booth, Guthrie Donald, 2699 Chapel Hill Blvd. ..... Durham 27707
Borders, Michael Lawson, Jr., Koonce Drug Co. ..... Chadbourn 28431
Bostian, Thomas Richard, 1005 Heather Dr. ..... Kannapolis 28081
Bostic, Russell Alton, Bostic Drug Co. ..... Beulaville 28518
Bowen, Norman George, Route 1 ..... Roxboro 27573
Bowers, Jimmie C., Rt. #5, Box 554C ..... Lincolnton 28092
Bowers, John Robert, P. O. Box 312 ..... Bethel 27812
Boyd, Allan Craig, P. O. Box 5 ..... Kenly 27542
Boyd, John Herbert, 406 N. Park St. ..... Mullins, S. C. 29574
Boyd, Robert Wilson, #8 Town House Apts., Steele St. ..... Mt. Olive 28356
Boyd, Shelton Bickett, Clinic Drug Co. ..... Mt. Olive 28365
Boyles, Vestal Irving, Jr., Iredell Memorial Hospital ..... Statesville 28677
Bracey, Daniel Guilford, 22-62 Place, Apt. 5 ..... Long Beach, Cal. 90803
Bracker, Dale Conrad, Rt. 3, Box 375, Brookfield Dr. ..... Greensboro 27410
Bradburn, William Howard, Jr., College Dr., Apt. G-2 ..... Shelby 28750
Bradley, J. W., III, North Hills Apothecary, Inc. ..... Raleigh 27609
Bradley, William Vernon, 113 Suburban Ave. ..... Kannapolis 28081
Bradshaw, C. Foy, 905 St. Andrew St. ..... Tarboro 27886
Bradsher, Arthur Long, Jr., Rt. #1, Newell Dr. ..... Roxboro 27573
Bradsher, Hugh Tate, 1634 Fairview Blvd. ..... Winston-Salem 27107
Brady, William Edward, 2727 N. Yanceyville Rd. ..... Greensboro 27405
Braman, William C., Box 8014 ..... Asheville 28804
Brame, Philip Augustus, R. M. Brame & Sons ..... North Wilkesboro 28659
Brame, Robert Marvin, Jr., Red Cross Pharmacy, Box 279 ..... North Wilkesboro 28659
Branch, Paul Elmer, Rt. 1, Box 358 ..... Boone 28607
Brantley, John Calvin, Jr., 1920 St. Marys Street ..... Raleigh 27608
Brantley, William Cain, 3240 Robin Hood Rd. ..... Winston-Salem 27106
Brecht, Edward A., P. O. Box 4722 ..... Monroe, La. 71201
Brewer, Alice Lee, P. O. Box 31 ..... Lake Junaluska 28745
Brewer, Mary Marsh Hood, Brewer Drug Co. Inc. ..... Pink Hill 28572
Bridges, Albert Reid, Smith Drug Store ..... Rutherfordton 28139
Brinkley, Clifton Scott, P. O. Box 454 ..... Kernersville 27284
Brisson, Edward, P. O. Box 218 ..... St. Pauls 28384
Brisson, Lloyd Clifford, 3125 Cliffdale Dr. ..... Fayetteville 28303
Bristol, Eugene Legraund, 1004 Charlotte Court ..... Mt. Airy 27030
Britt, Grady, 111 West Main St. ..... Garner 27529
Brogden, Connie Baxter, Box 446 ..... Saluda 28773
Brogden, Harry Lee, Box 446 ..... Saluda 28773
Brooks, Baylus Cade, Fayetteville Drug Co., 114 Gillespie St. ..... Fayetteville 28301
Brooks, C. McLane, P. O. Box 452 ..... Monroe 28110
Brooks, Frank Gibbons, Jr., 122 S. Chatham Ave. ..... Siler City 27344
Brooks, George Jackson, Jr., 122 S. Chatham Ave. ..... Siler City 27344
Brooks, Marilyn Rhew, 3510 Preston Ave. ..... Durham 27705
Brooks, William Jennings, Jr., P. O. Box 141 ..... Lattimore 28089
Brookshire, Lorain Balfour, B & B Pharmacy, P. O. Box 6158 ..... Asheville 28806
Brothers, Arthur Etheridge, 512 E. Main St. ..... Elizabeth City 27909
Brown, Donald F., c/o Caldwell's Drug Store ..... Gastonia 28052
Brown, Earl Triplett, 183 Lenmore Dr. SE ..... Concord 28025
Brown, Henry P., 1125 Countryside Dr. ..... High Point 27260

Brown, Henry Shelton, 402 E. Mulberry St. ..... Goldsboro 27530
Brown, Henry Shelton, Jr., 189 Daniels Rd. ..... Chapel Hill 27514
Brown, John Herndon, P. O. Drawer 298 ..... China Grove 28023
Brown, William Colfax, 2101 N. Elm St. ..... Greensboro 27408
Browning, Joseph Fletcher, Jr., 2403 Gracewood Court ..... Greensboro 27408
Brummitt, Russell Elliott, P. O. Box 539 ..... Chapel Hill 27514
Brunson, Gerald Neuman, 4330 Berini Dr. ..... Durham 27705
Bryan, Harrel Dean, 320 S. Bennett St. ..... Burgaw 28425
Bryant, James B., 101 East 14th St. ..... Washington 27889
Bryson, Vaughan Douglas, 7257 Huntington Rd. ..... Indianapolis, Ind. 46240
Buchanan, Clyde, 1920 Bedford St., Apt. 2 ..... Durham 27707
Buchanan, Elmer William, 1810 Independence Rd. ..... Greensboro 27408
Buchanan, George Ronald, Lemans Apts. A,
2011 West Cone Blvd. ..... Greensboro 27408
Buckner, Wilfred B., 430 Western Ave. ..... Statesville 28677
Buie, Wayne M., Stoneman Place ..... Bethania 27010
Bullock, Benjamin W., 3136 Dixon Dr. ..... Durham 27707
Bullock, John Chester, Jr., 2106 South 17th St. ..... Wilmington 28401
Bumgardner, Martha Catoe, 7063 Lakeland Dr. ..... Charlotte 28214
Bunch, Luther Elmo, P. O. Box 4049, Saint Thomas ..... U. S. V. I. 00801
Bunn, Richard Speight, 514 E. Main St. ..... Elizabeth City 27909
Burch, William H., 2623 Ferrand Rd. ..... Durham 27704
Burford, William H., Sr., 711 Sandy Lane ..... Gastonia 28052
Burgiss, Thomas R., Drugcare of Alleghany, Inc. ..... Sparta 28675
Burgiss, Thomas Roy ..... Sparta 28675
Burnett, John P., Jr., Sunset Pharmacy,
W. Thomas & Bryant Streets ..... Rocky Mount 27801
Burris, Loy Ray, Jr., P. O. Box 248 ..... Valdese 28690
Burroughs, Malcolm, 360 E. Connecticut Ave. ..... Southern Pines 28387
Burney, Herman Matthews, 3240 Cumberland Rd. ..... Winston-Salem 27105
Burrus, Brainard M., P. O. Box 672 ..... Canton 28716
Burt, Milton Stanley, 602 E. Markham Ave. ..... Durham 27701
Burton, J. Frank, 4403 Chateau Dr. ..... Greensboro 27405
Butler, Alman Byron, P. O. Box 126 ..... Clinton 28328
Butler, Cliff, K-2 Camelot Apts. ..... Chapel Hill 27514
Butler, Linda L., K-2 Camelot Apts. ..... Chapel Hill 27514
Butler, James Gene, 109 N. Lafayette St. ..... Shelby 28150

—C—

Cagle, Stephen W., 223 Kerr Street, N.W. ..... Concord 28025
Cain, Charles M., Box 57 ..... Henrietta 28076
Cain, Leighton D., c/o Hotel Concord ..... Concord 28025
Caiola, Stephen M., 59 Willow Terrace Apts. ..... Chapel Hill 27514
Caldwell, Hugh C., Jr., P. O. Box 479 ..... Mooresville 28115
Callahan, Virginia L., St. Joseph's Hospital Pharmacy ..... Asheville 28801
Callicutt, Richard D., Route 2, Ledford Circle ..... High Point 27260
Cameron, Marcus, Cameron's Drug Store 218 E. Main St. ..... Sanford 27330
Cameron, William S., Box 861 ..... Lillington 27546
Campbell, F. E., P. O. Box 1108 ..... Hamlet 28345
Campbell, Rowe B., P. O. Box 128 ..... Taylorsville 28681
Campbell, Rowe B., Jr., Town & Country Drugs ..... Taylorsville 28681
Canaday, Merwin S., P. O. Box 68 ..... Four Oaks 27524
Capes, Kenneth D., Route 1 ..... Haw River 27258

Capps, Earl Uel, Jr., J-14 Sharon Heights ..... Chapel Hill 27514
Carpenter, Barry L., 119 Taft St. ..... Troy 27371
Carr, Robert Lee, Drawer D ..... Rose Hill 28458
Carraway, Ernest L., Jr., Windsor Pharmacy ..... Windsor 27983
Carrigan, James Frank, 623 N. Caldwell St. ..... Salisbury 28144
Carroll, William Wright, Sr., 129 E. Broad St. ..... Dunn 28334
Carson, Beverly F., 111 Shell Dr. ..... Roanoke Rapids 27870
Carswell, A. Paul, 1101 Englewood Ave. ..... Durham 27701
Carter, Charles W., 1207 East 14th St. ..... Greenville 27834
Carter, Donald K., 1105 Glendale Dr. ..... Raleigh 27609
Carter, John K., 451 Church St. ..... Mocksville 27028
Carter, Leo Harrison, 341 N. Fayetteville St. ..... Asheboro 27203
Carter, Ralph E., Jr., 2001 Princess Place Dr. ..... Wilmington 28401
Carter, Wade A., Rt. 4 Box 504 ..... Gastonia 28052
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Casper, Richard Y., 4216 Garrett Rd., Apt. G-32 ..... Durham 27707
Caudill, Jane Bradford, Rt. 3, Box 54 ..... Fuquay-Varina 27526
Caudle, Virginia, 230 Friendship Circle ..... Winston-Salem 27106
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Caviness, Edith Ann, P. O. Box 515 ..... Lillington 27546
Cekada, LCDR Emil L., 1751 W. 75th St. ..... Richfield, Minn. 55423
Chambers, Melvin A., UNC School of Pharmacy ..... Chapel Hill 27514
Chamblee, Fred C., P. O. Box 125 ..... Carrboro 27510
Champion, Herbert O., 313 Boundry St. ..... Waynesville 28786
Chandley, Albert B., 215 Merrimon Ave. ..... Asheville 28801
Chandler, Peggy B., 519 Villa Ave., Rt. 2 Box 107-D ..... Kannapolis 28081
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Cherson, Arnold, 514 S. Elm St. ..... Greensboro 27406
Cheskis, Robert M., 2539 Huntington Rd. ..... Fayetteville 28303
Christensen, Carl V., 7323 Marlbrook Dr. ..... Charlotte 28212
Chronister, David L., 964 16th St., N.E. ..... Hickory 28601
Clapp, Ernest B., 206 N. College St. ..... Newton 28658
Clark, George E., P. O. Box 627 ..... Warsaw 28398
Clark, Hugh M., Rt. 5 Box 386A ..... Goldsboro 27530
Clarkin, John R., Jr., Rice St. Ext., Box 311 ..... Hamlet 28345
Clay, Albert S., 226 Broad St. ..... Fuquay-Varina 27526
Clay, James B., P. O. Box 456 ..... Oxford 27565
Clayton, Albert W., 2005 University Dr. ..... Durham 27702
Claytor, David D., 408 E. Wendover Ave. ..... Greensboro 27401
Clelland, Alec W., Jr., Fayetteville Drug Co. # 2,
1758 Owen Dr. ..... Fayetteville 28304
Clinard, Betty S., 1609 Emerywood Dr. ..... Charlotte 28210
Cline, Ernie L., Rt. 7, Box 686 ..... Hickory 28601
Cline, Frederick H., Box 1534 ..... Charlotte 28201
Clow, James W., Smithfield Drug Co. ..... Smithfield 27577
Coats, Leonard E., 1300 Fairfax Dr. ..... Raleigh 27609
Cobb, Thomas E., 611 Avenue D., Ridgewood ..... Salisbury 28144
Coble, George S., P. O. Box 218 ..... Stanley 28164
Cocolas, George H., 1298 Wildwood Dr. ..... Chapel Hill 27514
Cody, William D., Route 5 ..... Marshall 28753
Cohen, Robert I., Box 3372 ..... Kinston 28501

Cole, Alfred F., Jr., Cole's Pharmacy, 117 N. Main St. ..... Roxboro 27573
Coley, Walter N., 331 N. Magnolia St. ..... Raeford 28376
Collette, Roy W., Box 217 ..... Mocksville 27028
Collette, Roy W., Jr., 756 Park Ave. ..... Mocksville 27028
Collins, Ben F., Jr., 2166 Lawndale Dr. ..... Greensboro 27408
Coln, William G., Prospect Hill Apts. 5-A,
Capner St., Bldg. 3 ..... Flemington, N. J. 08822
Comstock, Samuel E., 403 E. Catawba St. ..... Belmont 28012
Connell, James P., 811 S. Garnett ..... Henderson 27536
Connelly, Fred A., 112 Dogwood Dr. ..... Black Mountain 28711
Cook, Briggs E., 1005 Elderwood Place ..... Greensboro 27410
Cooke, Lucius, 1216 W. Front St. ..... Statesville 28677
Copeland, Robert Royal ..... Ahoskie 27910
Coppage, Richard Lee, 121 Azelea Dr. ..... Waynesville 28786
Cornwell, Amos H., Cornwell Drug, P. O. Box 775 ..... Lincolnton 28092
Cornwell, George T., Cornwell Drug, Box 790 ..... Morganton 28655
Cotten, Robert Wesley, 209 Ramblewood Dr., Apt. 76 ..... Raleigh 27609
Covalinski, Mary Nell, Route 6, Box 296 ..... Morganton 28655
Cover, Richard E., 6108 Wheeler Drive ..... Charlotte 28211
Cowan, Leo B., 17 First Avenue ..... Sylva 28779
Cowan, Marvin Russell, 214 E. 11th St. ..... Washington 27889
Cowan, William L., 501 Elizabeth Ave. ..... Forest City 28043
Coward, Billy Thomas, Landis Drug Company ..... Landis 28088
Cox, Richard Larry, 2006 Lee Avenue ..... Sanford 27330
Cox, Robert Olin, Cox Pharmacy, College Village ..... Winston-Salem 27104
Cox, Rupert, Hospital Pharmacy, 200 N. Ellis Ave. ..... Dunn 28334
Craft, Roy Edwin, Box 37 ..... Gastonia 28052
Craig, William Franklin, 2333 Kenmore Avenue ..... Charlotte 28204
Crane, Roger Mahler, 3939 Wake Forest Rd., Apt. 149 ..... Raleigh 27609
Cranford, Delbert, 121 Carolina Ave. ..... Asheboro 27203
Crawford, Harvey Dinsmore, 601 Occoneeche Ave. ..... Black Mountain 28711
Crawford, John Spencer, Box 116 ..... Old Fort 28762
Crawley, Henry Keen, III, UNC School of Pharmacy ..... Chapel Hill 27514
Creasman, Dewey LaMar, 55 Emory St. ..... N. Wilkesboro 28659
Creech, Jack Alexander, 127 East Cedar Ave. ..... Oaklyn, N. J. 08107
Creech, James Leonard, Creech's Pharmacy ..... Smithfield 27577
Creech, Joseph Arnold, Jr., Creech Drug Co., Box 535 ..... Selma 27576
Creech, Leonard Ralph, P. O. Box 100 ..... Oxford 27565
Creech, W. Grover, Route 4, Longview Dr. ..... Smithfield 27577
Creekmore, Raymond L., P. O. Box 248 ..... Riegelwood 28456
Critcher, Elizabeth Chatham, 2231B Rexford Rd. ..... Charlotte 28211
Croft, Curtis D., Robinson Drug Co., P. O. Box 549 ..... Belmont 28012
Cromley, Robert Irvin, Cromley's Boulevard Pharmacy ..... Raleigh 27606
Cromley, Robert Irving, Jr., Cromley's Boulevard Pharmacy ..... Raleigh 27606
Crosby, Everett Delano, P. O. Box 1131 ..... Walterboro, S. C. 29488
Crosby, Willard Lee, P. O. Box 68 ..... Drexel 28619
Crouch, Judith Baucom, 1010 W. Bessemer Ave. ..... Greensboro 27405
Crouch, Phillip Francis, 16 Trinity Chapel Rd. ..... Asheville 28805
Crowell, Charles Milton, P. O. Box 269 ..... Mooresville 28115
Crumpler, Leonard H., Longview Pharmacy, 2008 New Bern Ave. ..... Raleigh 27610
Crumpler, Wilbur Aubrey, Pinnix Drug Store, Box 943 ..... New Bern 28560
Crutchfield, Thomas Garrett, 307 Country Club Dr. ..... Greensboro 27408
Culbertson, James Barber, 102 Huguenot Ave. ..... Englewood, N. J. 07631

Curtis, James Richard, Curtis Pharmacy ..... Bessemer City 28016
Curtis, Thomas E., 657 Ruthledge St. ..... Spartanburg, S. C. 29302

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Daniels, H. Hallet, 418 Peacock St. ..... Ahoskie 27910
Dantzler, Samuel A., 89 Aurora Dr. ..... Asheville 28805
Danz, John Leon, 605 S. Church St. ..... Monroe 28110
Darden, Robert Jackman, Butler Pharmacy, Main St. ..... Clinton 28328
Darlington, James M., 2232 Westover Dr. ..... Winston-Salem 27103
Daughtry, Ruffus Lynwood, P. O. Box 210 ..... Beaufort 28516
Davis, Alan Harris, 978 Wellington Rd. ..... Winston-Salem 27106
Davis, Arch Lyle, Statesville Drug Co. ..... Statesville 28677
Davis, Charles Mercier, Jr., 116 Old Shelby Rd. ..... Morganton 28655
Davis, David Ramsey, Davis Pharmacy ..... Williamston 27892
Davis, David Ramsey, Jr., Davis Pharmacy, 150 Main St. ..... Williamston 27892
Davis, James B., P. O. Box 132 ..... Oakboro 28129
Davis, Jerry C., P. O. Box 235 ..... Kenly 27542
Davis, Joseph Dameron, Yanceyville Drug Co. ..... Yanceyville 27379
Davis, Joseph Leon, Mann Drug Store #6, Fairfield Shopping Center ..... High Point 27263
Davis, McDonald, Jr., Hood's Drug Store ..... Smithfield 27577
Davis, Marvin Lee, Elm City Pharmacy, Box 544 ..... Elm City 27822
Davis, Thomas Peete, P. O. Box 206 ..... Yanceyville 27379
Davis, Walter Irvin, 5311 Woodsdale Rd. ..... Raleigh 27606
Davis, William Edward, Davis Pharmacy, P. O. Box 448 ..... Reidsville 27320
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Deadwyler, Charles Robert, Jr., Rt. #6, Box 294 ..... Salisbury 28144
Deal, Douglas Wayne, 901 N. Lafayette St. ..... Shelby 28150
Deal, Harland Murlee, 307 Woodsway Lane ..... Lenoir 28645
Deal, Janet Marie, Rt. 2, Box 140 ..... Lenoir 28645
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Deans, John, 710 N. Bennett St. ..... Southern Pines 28387
Deans, William Perry, 316 Lafayette Dr. ..... Wilson 27893
Deaton, Charles Edward, Box 595 ..... Liberty 27298
Deaton, Donald Jason, 723 Corn Tassel Tr. ..... Martinsville, Va. 24112
Deaton, James Floyd, Jr., Box 595 ..... Liberty 27298
Dees, Robert Register, Dees Drug Store, P. O. Box 427 ..... Burgaw 28425
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Denning, Larry Edward, P. O. Box 545 ..... Coats 27521
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Denson, Millard D., 2514 Elderwood Lane ..... Burlington 27215
Dever, James Henry, P. O. Box 4122 ..... Greensboro 27406
Dever, Robert J., P. O. Box 368 ..... Eden 27288
Devereux, Mrs. Jerry S., 3118 Fairfax Dr. ..... Charlotte 28209
Dewar, Robert L., LaGrange Pharmacy, Box 647 ..... LaGrange 28551
Dillon, Henry Edwards, 164 Dillon Ave. ..... Elkin 28621
Dimmick, Graham B., Jr., 4028 Langhorne Ave. ..... Charlotte 28205
Dingler, Kenneth, 3028 Hazel Dr. ..... Shelby 28150
Dixon, Charles Thomas, 217 Seventh St., N.E. ..... Conover 28613

Dockery, Wesley Prichard, 753 N. Center Street ..... Hickory 28601
Doggett, W. Clark, Rt. 2 ..... Summerfield 27358
Dollar, Aubrey Chester, Jr., Parkview Pharmacy ..... Winston-Salem 27107
Dollar, Lelon Cary, Box G ..... Apex 27502
Douglas, F. L., 1225 E. Fifth St. ..... Winston-Salem 27101
Dowdy, David Astor, P. O. Box 1896 ..... High Point 27260
Dowdy, David Astor, Jr., 1910 N. Main Street ..... High Point 27262
Dowdy, J. Henry, 800 S. Main St. ..... High Point 27260
Doyle, Lewis Benton, Jr., Roanoke Drug Co., 199 Roanoke Ave. ..... Roanoke Rapids 27870
Dudley, William Garland, Jr., Box 29 ..... Reidsville 27320
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Duguid, Helen, 1305 Holman St. ..... Kinston 28501
Dukes, Wyndham Stloe, 1216 Onslow Dr. ..... Greensboro 27408
Duman, James B., 3120 Ward Rd. ..... Raleigh 27604
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Duncan, Margaret S., Rt. 1, Richardson Rd. ..... Laurinburg 28352
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Durham, Carl Thomas ..... Chapel Hill 27514
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Edmonds, Marion M., P. O. Box 6105 ..... Greensboro 27405
Edmondson, Edwin W., Rt. 1 ..... Pollocksville 28573
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Edwards, James W., 1900 S. Hawthorne Rd. ..... Winston-Salem 27103
Edwards, Kenneth, Jr., Stantonsburg Drug Co., Inc. ..... Stantonsburg 27883
Edwards, Philip Franklin, 629 Madison St. ..... Whiteville 28472
Edwards, Robert L., 225 N. Main St. ..... Rutherfordton 28139
Edwards, Robert W., Jr., P. O. Box 1042 ..... Goldsboro 27530
Edwards, Sherwood M., Jr., Edwards Pharmacy, P. O. Box 97 ..... Ayden 28513
Edwards, S. M., Edwards Pharmacy, P. O. Box 97 ..... Ayden 28513
Efird, Roger W., Box 116 ..... Denton 27239
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Eggers, John D., Box 203 ..... Wallace 28466
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Eller, Revis R., Ray Drug Store ..... West Jefferson 28694
Elliott, A. G., Jr., P. O. Box 438 ..... Fuquay-Varina 27526
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Elliott, William M., Jr., 1413 S. Hollywood Dr. ..... Surfside Beach, S. C. 29577
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Ellison, Jerome M., P. O. Box 327 ..... Winston-Salem 27102

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Eutsler, Thomas M., Service Pharmacy Marion 28752
Evans, Charles E., Jr., Rt. 7, Box 76 Mocksville 27028
Evans, Dallas M., 324 Forest Rd. Oxford 27565
Evans, Flora Nell, 18 G Valley Terrace Durham 27707
Evans, Floyd H., 523 Erwin Rd. Morganton 28655
Evans, James E., P. O. Box 477 Marion 28752
Evans, Christine H., 3828 Colby Dr., Apt. 7 Raleigh 27609
Evans, Lionel C., Eckerd's Drugs, Vernon Park Kinston 28501

—F—

Faircloth, Vernon L., 1456 Sterling Rd. Charlotte 28209
Fairley, Robert B., Rt. 9, Box 183 Salisbury 28144
Farr, William R., 20 Hy Vu Dr. Asheville 28804
Farrior, William S., 1212 South York Rd. Gastonia 28052
Faulkner, Edward G., Jr., P. O. Box 373 Monroe 28110
Feagin, Eugene L., Jr., 147 4th Ave., W. Hendersonville 28739
Feagin, L. E., 147 4th Ave., W. Hendersonville 28739
Fearing, M. Keith, Jr., P. O. Box 127 Manteo 27954
Fearing, W. B., Jr., 205 Greenbriar Dr. Greenville 27834
Fender, Jackie G., 542 Wilkesboro St. Mocksville 27028
Ferguson, Clarence M., Jr., 122 S. Chatham Ave. Siler City 27344
Ferguson, Howard Q., Economy Drug Co. Randleman 27317
Ferguson, J. Frank, Jr., 3806 Lancaster Dr. Raleigh 27609
Ferguson, Lewis M., P. O. Box 698 Taylorsville 28681
Ferrell, Jerry L., Rt. 2, Box 219-A Lincolnton 28092
Fincher, Ellis M., P. O. Box 328 Tryon 28782
Fisher, Clarence G., 20 Lodge Dr. Thomasville 27360
Fleming, Oliver G., Boone's Professional Pharmacy, Medical Arts Center Ahoskie 27910
Fleming, Robert E., Jr., I. W. Rose Drug Co., Box 1218 Rocky Mount 27802
Fletcher, James H., P. O. Box 285 Rutherford College 28671
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Flood, Thomas V., 117 Sunset Ave. Asheboro 27203
Flynn, Hubert L., 11 E. Clemmonsville Rd. Winston-Salem 27107
Ford, Sharon G., 4216 Garrett Rd., G-24 Durham 27707
Forrest, William G., 3327 Deerwood Dr. Gastonia 28052
Forrester, Preston Reynolds, P. O. Box 39 Concord 28025
Forst, James Joseph, P. O. Box 88 Mars Hill 28754
Foster, Robert William, 2901 Pinedale Rd. Greensboro 27408
Foster, William Lee, Box 363 Mocksville 27028
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Fox, Howard Spencer, 2240 Cloverdale Ave. Winston-Salem 27103
Fox, James Hamilton, P. O. Box 987 Asheboro 27203
Fox, Junius Claude, Jr., 306 W. Franklin Street Chapel Hill 27514
Fraley, Thomas Maurice, 115 Salem Court, Apt. A-2 Raleigh 27609
Franklin, Russell Edmund, 2140 Lawndale Drive Greensboro 27408
Franzen, Dewayne P., 3302 Charing Cross Rd. Greensboro 27405
Freeman, Pete Delon, 5004 Winchester Dr., S. Jacksonville, Fla. 32217
Freeman, Stephen Monroe, Worthwood Rd., Apt. 48-G Asheville 28805

Freeman, James Howard, P. O. Box 147 ..... Dublin 28332
Freeman, Numa Franklin, Jr., 302 Lumpkin Rd. ..... Louisburg 27549
Frazier, James H., 907 N. Lafayette St., Apt. 7 Colonial Hills ..... Shelby 28150
Frazier, Joseph Clifford, 2516 Albemarle Ave. ..... Raleigh 27610
Friday, John Paul, Rhyne's Drug Store, 2501 Lowell Rd. ..... Gastonia 28052
Frostick, William Leach, P. O. Box 707 ..... Laurinburg 28352
Fulbright, Keith Norman, 917 Winterlochen Dr. ..... Greensboro 27410
Fuller, Edwin Rudolph, 100 N. Main Street ..... Salisbury 28144
Fuller, William Hugh, Jr., 3024 Shady Lawn Dr. ..... Greensboro 27408
Fullwood, Mary Gray Teague, 3318 Winton Road ..... Raleigh 27604
Fulton, James W., P. O. Box 216 ..... Welcome 27374
Fulton, Miss Mary Ann, 314 Grove Park Avenue ..... Winston-Salem 27103
Fulton, Thomas A., Jr., M-8 Colony Apts. ..... Chapel Hill 27514
Furman, James, Boone Drug Co. ..... Boone 28607
Futrell, Clyde Loraine, Box 41 ..... Cary 27511

—G—

Gabriel, James Chandler, P. O. Box 86 ..... Troutman 28166
Gaddy, Annette Meriwether, 2729-B Yanceyville St. ..... Greensboro 27405
Gaddy, Phil, Union Drug Store, Box 22 ..... Marshville 28103
Galloway, Adrian E., 1435 Havencrest Ave. ..... Charlotte 28211
Gammon, Hunter Oakley, 1222 Fillman St. ..... Reidsville 27320
Gardiner, Paul, 2166 Lawndale Dr. ..... Greensboro 27408
Gardner, Joe D., 509 Page St. ..... Cary 27511
Gardner, Mattie Smith, 1942 Maryland Ave. ..... Charlotte 28209
Gardner, Windfield Scott, Box 1207 ..... Burlington 27215
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Garrett, John Howard, 1603 Crescent Dr. ..... Elizabeth City 27909
Gaylord, Jeremiah Thomas, 302 Adams Court ..... Wyckoff, N. J. 07481
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George, Prentiss Legarr, Jr., 3102 Shannon Dr. ..... Winston-Salem 27106
Gerlinger, John J., Nash General Hospital ..... Rocky Mount 27801
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Giffen, Elliott M., II, 6534 Louglen Circle ..... Charlotte 28212
Gilbert, Lacy Earl, Jr., Wagram Drug Store ..... Wagram 28396
Gilbert, Loamie Mercer, Jr., Austin-Gilbert Drug Co. ..... Maxton 28364
Giles, Robert Troy, B & B. Drug Co. ..... Candor 27229
Gillespie, Charles B., Jr., Pollard's Drug Store ..... Burnsville 28714
Gilliam, Alvis B., Jr., 118 S. Scales St. ..... Reidsville 27320
Gilliam, Wade Axom, 1416 Brookstown Ave. ..... Winston-Salem 27101
Gilmore, Lamar M., 2206 Carolina Ave. ..... Kannapolis 28081
Glace, Charles Lawrence, 275 Ivy Circle ..... Elkin 28621
Gladden, Herbert Queen, Village Pharmacy ..... Blowing Rock 28605
Glass, Alan Ronald, 211 N. Spruce Ridge Trail ..... Stuart, Fla. 33494
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Goforth, J. Wayne, 225 N. Main St. ..... Rutherfordton 28139
Goldman, Ronald Morton, 436 Anita Dr. ..... Winston-Salem 27104
Gonzalez, Angel Hilarion, 125 Salem Circle, Apt. B-4 ..... Raleigh 27609

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Gordon, Robert Lee, P. O. Box 104 ..... Cary 27511
Gowan, Steve W., Gowan Drug Co. ..... Wallace 28466
Grabs, Omnie Omily, Jr., Route 1 ..... King 27021
Graham, Carroll C., Fairview Pharmacy, 1227 4th St. ..... Greensboro 27405
Graham, James Lee, Rt. 1, Box 97A ..... Beaufort 28516
Graham, Leon Irvin, Graham Drug Co. ..... Wallace 28466
Graham, Margarete Susan, Box 974 ..... Elon College 27244
Grantham, James G., 5724 Wedgewood Dr. ..... Charlotte 28210
Grantham, Reid Bridges, Red Springs Drug Co. ..... Red Springs 28377
Graves, Sandra Gilbert, Rt. 3, Box 315 ..... Maxton 28364
Gray, Audrey A., 309 Budleigh Street ..... Manteo 27954
Gray, Richard A., Box 569 ..... Newport 28570
Greene, Henry Wilson, Center Drug Co., Box 1484 ..... Wilmington 28401
Greene, James Paul, Carolina Pharmacy, 321 E. King St. ..... Boone 28607
Greene, James Simpson, Peoples Drug Store ..... Lenoir 28645
Greeson, Joe David, 914 Robinhood Rd. ..... Thomasville 27360
Gretz, Margaret, P. O. Box 1897 ..... Hendersonville 28739
Greyer, Mary A. B., Bryson City Drug Co. ..... Bryson City 28713
Griffin, Ellerbe Wilson, Jr., Griffin Drug Co., Box 508 ..... Kings Mountain 28086
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Griffin, William Cicero, 611 Daniels St. ..... Raleigh 27605
Griffin, William Crane, P. O. Box 159 ..... Roanoke Rapids 27870
Griggs, Willard Wilson, Jr., 212 N. Fifth St. ..... Albemarle 28001
Grimes, George David, David Grimes Drug Store ..... Robersonville 27871
Guion, Clayton Lloyd, Box 488 ..... Aberdeen 28315
Guion, Howell Newton, Guion's Drug Store, P. O. Box 151 ..... Marshville 28103
Gupton, Ted Gilbert, Rt. 2 ..... Louisburg 27549
Gurley, William Burden, Windsor Pharmacy, P. O. Box 68 ..... Windsor 27983
Guthrie, Clarence Hudson, P. O. Box 270 ..... Beaufort 28516

—H—

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Hair, Robert Clifton, P. O. Box 55 ..... Pineville 28134
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Hall, Robert Buckner, Hall Drug Co., Box 385 ..... Mocksville 27028
Hall, John Perry, P. O. Box 985 ..... Oxford 27565
Hall, Sam Cannady, 219 Main St. ..... Oxford 27565
Hames, Herbert J., Sr., 672 Old Friars Rd. ..... Columbia, S. C. 29210
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Harden, Wilkins, 1501 Whitaker Dr. ..... Columbia, S. C. 29206
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Hardy, Rudolph, Pharmacy, Cabarrus Memorial Hospital ..... Concord 28025

Hargett, Christopher Barker, Box 837 ..... Greenville 27834
Hargis, Ronald L., 500 Pineland Dr. ..... Graham 27253
Harman, John F., Jr., 316 Ridgecrest Dr. ..... Lexington 27292
Harmon, William Sidney, 408 E. Nash St. ..... Wilson 27893
Harper, Jewel Benton, 110 Larkspur Circle ..... Durham 27707
Harper, Ralph Ragan, Jr., 102 N. Roxford Rd. ..... Kings Mountain 28086
Harper, Wendell James, 215 Deborah Dr. ..... Jacksonville 28540
Harper, William Lacy, Rose Pharmacy ..... Hendersonville 28739
Harrell, Ollie Cecil, Route 1 ..... Clemmons 27012
Harrelson, William Howard, Box 65 ..... Tabor City 28463
Harrill, Michael H., P. O. Box 536 ..... Maiden 28650
Harrington, Gerald Kelly, Toms Drug Co., Front & Market St. ..... Wilmington 28401
Harris, Anne H., 100 Park Dr. ..... Greenville 27834
Harris, George Wesley, Glen Lennox Pharmacy ..... Chapel Hill 27514
Harris, Joseph Claxton, Jr., Westside Pharmacy ..... Durham 27701
Harris, Robert P., 108 Gales St. ..... Hope Mills 28348
Harrison, John R., Troy Drug Co., 401 N. Main St. ..... Troy 27371
Harrison, Robert Franklin, 132 Dillard Court, Draper Station ..... Eden 27288
Hartis, Gilbert Clyde, 24 Gloria Ave. ..... Winston-Salem 27107
Hartis, Gilbert Clyde, Jr., 800 Kenwick Dr. ..... Winston-Salem 27106
Harvey, Claude Douglas, P. O. Box 729 ..... Thomasville 27360
Harward, Ben Russell, 3224 Six Fork Rd. ..... Raleigh 27609
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Hatcher, Joseph E., P. O. Box 416 ..... Kenansville 28349
Hatley, Gilbert Max, Marshville Drugs ..... Marshville 28103
Hauser, Samuel Franklin, 2308 Gunston Rd. ..... Fayetteville 28303
Hauss, Harry Lynn, P. O. Box 347 ..... China Grove 28023
Hawkins, Clayburn Irvin, Hawkins Rexall Drug Co. ..... Madison 27025
Hayes, George Everett, 237—10th Ave., N. W. ..... Hickory 28601
Hayes, Hugh Floyd, 801 Rockford St. ..... Mt. Airy 27030
Hayes, Sara Burris, 801 Rockford St. ..... Mt. Airy 27030
Haywood, Leon Stanley, 116 Green St. ..... Robbins 27325
Healy, Gerald Patrick, 1180 Lakeshore Circle ..... Gainsville, Ga. 30501
Heath, Raymond E., Rt. 1, Box 596 ..... Graham 27253
Heath, R. Veston, Box 55 ..... Snow Hill 28580
Heatherington, Terry W., Box 385 ..... Bessemer City 28016
Heaton, Pinckney H., 4314 Market St. ..... Wilmington 28401
Hedgepeth, Morris Edwards, Box 1006 ..... Henderson 27536
Hege, Gerald Dean, Guiton's Drug Store ..... Whiteville 28472
Hemingway, C. E., Westerly Hills Drug Co. ..... Charlotte 28208
Hemingway, Frank M., P. O. Box 211 ..... Bethel 27812
Henderson, G. E. ..... Shallotte 28459
Hendrick, Arthur Boyd, P. O. Box 51 ..... Mt. Croghan, S. C. 29727
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Henriksen, Harold Eugene, Henriksen's Pharmacy,
Hanover Shopping Center ..... Wilmington 28401
Herring, John Clegg, 201 Williamsboro St. ..... Oxford 27565
Herring, Elbert N., 1000 N. Kings Highway ..... Myrtle Beach, S. C. 29577
Herring, Gene F., 610 Doris Ave. ..... Jacksonville 28540
Herring, Rufus McPhail, P. O. Box 29 ..... Clinton 28328
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Hickmon, James Ralph, 3014 Brechin Rd. ..... Fayetteville 28303
Hickmon, Leon Edward, 11 Robert E. Lee Dr. ..... Wilmington 28401

Hickmon, Wilbur Leon, 22 Bedford Forest Dr. Wilmington 28401
Hicks, Allen Milton, Pikeville Drug Store Pikeville 27863
Hicks, Joseph O., P. O. Box 128 Walnut Cove 27052
Higdon, Milton L., 606 Clay St. Forest City 28043
Hill, Christie Early, 2415 Mont Haven Dr. Durham 27705
Hill, Dempsey Craig, Rt. 2 Deep Run 28525
Hill, Germon Earl, Clark's Pharmacy Williamston 27892
Hill, Jonathan Adoneran, 150 McAlway Rd. Charlotte 28211
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Hite,, C. W., Jr., 301 Downey Place Gastonia 28052
Hix, David T., 231 Burlington St. Gibsonville 27249
Hocutt, Delma Desmond, P. O. Box 814 Henderson 27536
Hoffman, E. N., Medical Arts Pharmacy, 14th & Chestnut Lumberton 28358
Hoffman, Walter Conrad, Box 8315 Greensboro 27410
Holding, Thomas Elford, III, 205-209 S. White St. Wake Forest 27587
Holland, David L., Univ. Townhouse, Apt. 42 Greenville 27834
Holland, Louis Lea, 603 Madison Ave. Hamlet 28345
Holland, Nicholas Vedder, Rt. 2, Box 181 Pittsboro 27312
Holland, Ronald L., 372 North Edgemont Gastonia 28052
Holland, Thomas M., 100 N. Main St. Mt. Holly 28120
Holland, Willis Froneberger, 100 N. Main St. Mt. Holly 28120
Holleman, Curtis Edwin, 111 Broad St. Fuquay-Varina 27526
Hollingsworth, J. Winston, Harrison Drug Co. Enfield 27823
Hollowell, Aubrey Ellis, 2712 Ramsey Rd. Raleigh 27604
Hollowell, William Clyde, Hollowell's Drug Store, Box 1567 Greenville 27834
Hollowell, W. Herbert, Jr., Hollowell's Inc., Box 209 Edenton 27932
Holt, Fred A., Coffey Ave. North Wilkesboro 28659
Holt, W. Seymour, 6325 N. Ewing Indianapolis, Indiana 46220
Honaker, Stephen G., Sr., 1342 Pinebluff Rd. Winston-Salem 27103
Honeycutt, Bruce Willard, Box 446 Franklinton 27525
Honeycutt, George W., Box 666 Rockingham 28379
Honeycutt, Herman Ross, 400 Chatham Lane Raleigh 27610
Hood, David Henry, Rt. 3, Box 2 Mebane 27302
Hood, India B., P. O. Box 3422 Kinston 28501
Hood, John C., Jr., P. O. Box 247 Kinston 28501
Hood, John David, 307 West Union St. Morganton 28655
Hood, Robert L., 110 E. Broadway St. Pink Hill 28572
Hooper, Fred Lambert, Box 804 Sylva 28779
Horne, Henry Ruffin, Drawer H Fayetteville 28302
Horne, William P., Jr., Birmingham Drug Co. Hamlet 28345
Horner, Lucille Earl, 908 Fugate Ave. Charlotte 28205
Horton, John Palmer, Jr., Peoples Drug Store Wilkesboro 28697
Horton, William Donald, P. O. Box 1283 N. Wilkesboro 28659
Horton, William Ferree, 893 New Haw Creek Rd. Asheville 28805
Horwitz, Neil L., 4921 Seminary Rd., Apt. 422 Alexandria, Va. 22311
House, Joseph, Jr., H & H Drug Co. Grifton 28530
Houser, William Henry, Houser Drug Co., Inc. Cherryville 28021
Hovis, Larry Kenneth, Box 1322 Pinehurst 28374
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Howard, LaVoice Hardison, Rt. 3, Box 682 Hillsborough 27278
Howard, William McCarrell, Rt. 1, Box 32 Mocksville 27028
Howe, Alfred Gregory, 4504 Wilkes St. Raleigh 27609

Howell, William Lawrence, Jr., Howell Drug Co. ..... Raeford 28376
Hoyle, Edgar D., Cooleemee Drug Co. ..... Cooleemee 27014
Hoyle, Marion Hudson, P. O. Box 68 ..... Cooleemee 27014
Hudson, Ray Truman, 637 Downey Place ..... Gastonia 28052
Huggins, Hubert Theodore, Jr., 403 N. Oakland St. ..... Dallas 28034
Hunsucker, Evelyn Stutts, Gibson Drug Co. ..... Gibson 28343
Hunter, Charles Harris, 515 Pearis Rd., ... Pearisburg, Va. 24134
Hunter, Joseph Everett, Jr., P. O. Box 5211 ..... Columbia, S. C. 29205
Huss, Kelly William, Rt. 2, Box 385B ..... Cherryville 28021
Hutchins, James Alexander, 1700 Reynolda Rd. ..... Winston-Salem 27104

—I—

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Inman, George Graham, P. O. Box 666 ..... Rockingham 28379
Irwin, Dwayne Alton, Elk Pharmacy ..... Elkin 28621
Irwin, Robert Louis, Elk Pharmacy ..... Elkin 28621
Isaac, Douglas Woodrow, 515 N. Carr St. ..... Mebane 27302
Iverson, Harry M., 3210 Timberlake Rd. ..... Raleigh 27604

—J—

Jackson, Jasper Carlton, P. O. Box 1085 ..... Lumberton 28358
Jackson, Leonidas, E. R. Thomas Drug Co. ..... Erwin 28339
Jackson, Payton Donald, c/o Kerr Drugs, Tarrytown Mall ..... Rocky Mount 27801
Jackson, William Carlton, P. O. Box 130 ..... Sanford 27330
James, Albert Allison, 923 West End Blvd. ..... Winston-Salem 27104
James, Francis Duke, Box 247 ..... Hazelwood 28738
James, William Allen, Box 782 ..... Belmont 28012
Jamison, Mary Elizabeth, P. O. Box 12004 ..... Charlotte 28205
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Jenks, Keithan Blanchard, 219 S. Melville St. ..... Graham 27253
Jenkins, Gregory Lee, 2310 Cypress Dr. ..... Reidsville 27320
Jenkins, Paul Ronald, Murfreesboro Pharmacy ..... Murfreesboro 27855
Jenkins, Ingram, Jr., Biscoe Drug Store ..... Bisco 27209
Jenkins, Sam, Jenkins Drug Store ..... Walstonburg 27888
Jennings, Robert Neal, Jennings Drug Center ..... N. Wilkesboro 28659
Jennings, Willie H., P. O. Box 1695 ..... Burlington 27215
Jernigan, Caul R., Rt. 4, Box 18 ..... Dunn 28334
Jochems, James Francis, P. O. Box 39 ..... Concord 28025
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Johnson, Clarence Elbert, 1208 S. Overlook Dr. ..... Greenville 27834
Johnson, Jerome Karl, 1016 DeBoy St. ..... Raleigh 27606
Johnson, Joseph L., Jr., P. O. Box 5291 Tate St. Station ..... Greensboro 27403
Johnson, Rowland H., Johnson-Puckett Drug Co. ..... Robbins 27325
Johnson, Sidney B., Jr., Box 584 ..... Carthage 28327
Johnson, Troy Humphrey, Johnson's Pharmacy, Box 6207 ..... Raleigh 27608
Johnson, Wallace Allen, 817 Rockford St. ..... Mt. Airy 27030
Johnson, William Lewis, Jr., 2 South Main St. ..... Franklinton 27525
Johnson, William Luther ..... Gibson 28343
Johnson, Walter P., Queen St. Medical Center Pharmacy,
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Johnson, Willis Ray, III, 1101 Clifton Rd. ..... Jacksonville 28540

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Jolley, Carl E., Box 208 ..... Cliffside 28024
Jones, Alpheus, Jr., Hunter Drug Co., Box 150 ..... Warrenton 27589
Jones, Arthur R., Jr., P. O. Box 1008 ..... Monroe 28110
Jones, Charles Flourney, Jr., 116 Hillsboro St. ..... Oxford 27565
Jones, David Edward, Guthrie-Jones Drug Co. ..... Beaufort 28516
Jones, George Haywood, P. O. Box 338 ..... Zebulon 27597
Jones, John Lee, Jr., Box 752 ..... Canton 28716
Jones, Larry W., P. O. Box 193 ..... Asheboro 27203
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Jones, William Warren, 215 Avery Ave. ..... Morganton 28655
Jordan, William Merritt, Jr., Rt. 2, Box 351-A ..... Nebo 28761
Josey, Charles William, Box 445 ..... Old Fort 28762
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Keever, David Eugene, Rt. 3, Box 398-P ..... Lincolnton 28092
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Kelly, Hunter Liggett, 1200 Broad St. ..... Durham 27705
Kelly, Marion Nelson, Jr., 7700 Sussex Circle ..... Knoxville, Tenn 37919
Kemp, Robert Carlton, Rt. 1 ..... Weaverville 28787
Kendrick, Melvin C., 105 E. Main St. ..... Mayodan 27027
Kennedy, Mrs. Jerry B., 566 Parkview Drive ..... Burlington 27215
Kennedy, John Buren, Jr., Andrews Pharmacy, Box AD ..... Andrews 28901
Kennedy, Larry Gene, P. O. Box 279 ..... Star 27356
Kerr, Banks D., P. O. Box 10627 ..... Raleigh 27605
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Kiang, Tai-Yee, 3118 Hines Dr. ..... Raleigh 27609
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King, James Arnold, P. O. Box 22 ..... Wallace 28466
King, James Henry, Jr., Foothills Pharmacy ..... Lenoir 28645
King, Johnny Harold, Rt. 13, Box 195 ..... Greensboro 27406
King, Roland Gabriel, 703 Professional Dr. ..... New Bern 28560
King, Winfred A., P. O. Box 670 ..... Mt. Airy 27030
Kirby, Carl M., Jr., 101 Moore St. ..... Southport 28461
Kirby, Freeman E., 101 Moore St. ..... Southport 28461
Kirby, James Thomas, 101 Moore St. ..... Southport 28461
Kirkman, Phebe McDonald, 3501 H Beacon Hill ..... Winston-Salem 27106
Kiser, Arthur George, 167 School Rd. ..... Asheville 28806

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Kiser, Ray Alexander, China Grove Drug Co. China Grove 28023
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Kue, Joe H. L., P. O. Box 48 Farmville 27828

—L—

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Langdon, Ross, 1121 Adger Rd. Columbia, S. C. 29205
Langdon, Ralph Edward, Box 3312, Haymont Station Fayetteville 28305
Langdon, Ronald E., P. O. Box 38 Pleasant Garden 27313
Langevin, Joseph C. Earnest, Beaman St. Clinton 28328
Langston, Milton Beron, Jr., 703 Professional Dr. New Bern 28560
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Lasater, Walter Harold, Graham Drug Store Graham 27253
Lassiter, Lucious Melvin, Jr., 2703 Sheryl Dr. Kinston 28501
Latta, Patsy Ruth Upchurch, 114 Horseshoe Rd. Durham 27703
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Laxton, Carroll Malcolm, Mann Drug Store, E. Harper Ave. Lenoir 28645
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CONSTITUTION AND BY-LAWS
OF THE
North Carolina Pharmaceutical Association

Article I—Name

This Association shall be called "The North Carolina Phramaceutical Association."

Article II—Object

The purpose of this Association shall be to protect the public health and welfare by uniting the pharmacists of this state for the advancement of their profession; to improve the art of pharmacy and to elevate its standards; to restrict the dispensing and sale of medicines to pharmacists; to encourage and promote research and study; to interest competent individuals in the practice of pharmacy as a career; to foster a system of pharmaceutical education and continuation studies; to encourage research and training for all phases of the practice of pharmacy as a means of providing the greatest protection for the public at large; to advance pharmaceutical education and support scholarships in education in pharmacy; to publish and disseminate useful knowledge; to establish and maintain high ethical standards of professional conduct and practices; to promote and encourage relations of good will and respect between pharmacists and other health professions and the public; and to promote mutual cooperation of these disciplines so as to extend their usefulness to the public.

Article III—Membership

This Association shall consist of Active, Life, Student Branch and Honorary Members.

Section 1. ACTIVE MEMBERS. An active member shall be any pharmacist of good moral standing who is registered under the Pharmacy Law of this state with a current renewal certificate and who has paid the annual dues as specified in the By-Laws. Whenever an active member ceases to be a registered pharmacist of this state with a current renewal of registration, his active membership shall terminate unless extended by action of the Executive Committee.

Section 2. LIFE MEMBERS. Any active member who has previously been declared a life member or who qualifies for life membership as specified in the By-Laws shall be exempted from further payment of dues.

Section 3. STUDENT BRANCH MEMBERS. Students enrolled in a School of Pharmacy within the limits of the state, are eligible for membership in the Student Branch of the N. C. Pharmaceutical Association at the annual membership fee as specified in the By-Laws of this Association. Members of the Student Branch shall not have the privilege of voting or holding office but shall be entitled to all other rights of membership.

Section 4. HONORARY MEMBERS. Any person whose contribution to Pharmacy, or whose knowledge of Pharmacy and the Collateral Sciences shall, in the opinion of the Association, merit that distinction, may upon nomination by the NCPhA Executive Committee be elected an Honorary Member. Honorary Members shall be exempted from the payment of dues; they shall receive the publications of the Association, but they shall not have the right to vote or to hold office in the Association.

Article IV—Officers

The Association shall have the following officers: a President, a First Vice-President who shall be President-Elect; a Second Vice-President; A Third Vice-President; and a Secretary-Treasurer.

The three Vice-Presidents shall be elected annually by mail ballot and shall hold office until their successors are elected and have qualified. The First Vice-President (President-Elect) shall automatically assume the office of Presidency without being subject to further election.

The President, the three ranking Vice-

Presidents, and the Secretary-Treasurer shall be ex-officio members of the Executive Committee. Each retiring President shall be a member of the Executive Committee for a three-year term.

Article V—Amending Constitution

Every proposition to alter or amend this Constitution shall be submitted in writing and received at an annual meeting, and may be voted on at the next annual meeting when, upon receiving a vote of three-fourths of the members present, it shall become a part of the Constitution of the North Carolina Pharmaceutical Association.

BY-LAWS

Article I—Election of Officers

Section 1. A Nominating Committee of seven members shall be annually chosen by the President and charged with the duty of selecting candidates for the offices of first, second, and third vice-presidents, and three members-at-large of the Executive Committee of the N. C. Pharmaceutical Association; one member of the North Carolina Board of Pharmacy; and four Directors of the North Carolina Pharmaceutical Research Foundation, Inc.

Section 2. The Nominating Committee shall submit at the last session of each annual convention the names of two or more persons or candidates for each of the offices of First Vice-President (President-Elect), Second Vice-President, Third Vice-President; six persons for three places as members-at-large of the Executive Committee; two or more persons for member of the North Carolina Board of Pharmacy; eight or more persons as candidates for four directorships of the N. C. Pharmaceutical Research Foundation, Inc. Additional nominations may be made from the floor.

Section 3. No less than thirty days prior to the annual convention, the president of the Association shall select a committee of three pharmacists from the district of the member of the Board of Pharmacy whose term expires the following year. It shall be the duty of this committee to recommend two candidates from their district to the NCPhA Nominating Committee for membership on the Board of Pharmacy. The recommendation of the district committee shall be final unless altered by a majority vote of members present and voting at a meeting of the Nominating Committee. Candidates for membership on the Board of Pharmacy may be nominated from the floor, but such nominees must practice pharmacy in the district entitled to the nomination.

Section 4. The names of the candidates so nominated shall be submitted by the Secretary-Treasurer by mail to every member of the Association within one month after he receives them, together with the request that the members indicate their preference on a ballot enclosed for that purpose, and return the same by mail within one month.

The ballots received as indicated in the preceding paragraph are to be sent to an "Election Committee" in care of the Secretary-Treasurer, Chapel Hill. The Election Committee shall consist of four members, each selected by mail ballot for a term of three years. The Election Committee shall count as votes in the annual election only those ballots received from members whose dues have been paid for the current year. The Election Committee shall certify to the Secretary-Treasurer the results of the tally after which the latter shall be published.

The Secretary-Treasurer shall notify all candidates of the time and place of the meeting of the Election Committee and extend a written invitation to attend the counting of the ballots.

Section 5. The officers thus elected by a plurality of the votes cast shall be installed at the final session of the next annual meeting.

Article II—Duties of Officers

Section 1. The President. The President shall preside at all meetings of the Association, enforce a due observance of the provisions of the Constitution and By-Laws and parliamentary proceedings; he shall appoint all committees and delegates not otherwise provided for or ordered by the Association; he shall be ex officio member of all committees and delegations; he shall fill by appointment all vacancies occurring in office excepting the offices of vice-presidents, and also

occurring in committees and the Executive Committee by reason of Death, resignation, or inability to act; he shall be chairman of the Executive Committee; he shall present, at the annual session of the Association, a report upon the operations of the Association during his term of office, and an address upon such subjects as he may select and shall make such suggestions as he may deem suitable to promote the objects and welfare of the Association.

Section 2. THE VICE-PRESIDENTS. (a) The First Vice-President shall be the president-elect of the Association, and a member of the Executive Committee. In the absence of the President, he shall perform the duties of that office. If the office of the President shall be vacated by reason of death, the First Vice-President shall become the President of the Association.

(b) The Second Vice-President shall be a member of the Executive Committee. In the absence of the President and the First Vice-President, he shall perform the duties of the President. In the absence of the First Vice-President, he shall perform the duties of that officer. (c) The Third Vice-President shall be a member of the Executive Committee and in the absence of the President and the two vice-presidents, shall perform the duties of the President. (d) In the event that the office of the President-elect and/or Second or Third Vice-Presidents be vacated for any reason whatever, such office shall be filled only by special election.

Section 3. THE SECRETARY-TREASURER. The Secretary-Treasurer shall keep correct records of all proceedings of the Association; a list of the names, residence and date of admission of each member; he shall collect all dues and all other monies due the Association and shall promptly deposit same in such depositories as the Executive Committee shall designate; he shall conduct the official correspondence of the Association and notify each member by mail of the meetings; he shall make disbursements only as directed or outlined by the Executive Committee and maintain all records pertaining thereto; he shall carefully preserve all papers and archives of the Association; he shall edit and distribute the Carolina Journal of Pharmacy and the Proceedings of the Association; he shall act as secretary to all committees of the Association and he shall discharge such other duties as the Executive Committee shall assign to him. He shall be bonded by an indemnity bonding company for a sum not less than $10,000 and after approval of the Executive Committee, the fee for said bond being paid by the Association; he shall receive such annual salary as the Executive Committee may from time to time determine. A certified public accountant shall be engaged annually to audit the financial accounts of the Secretary-Treasurer.

Article III—Of Committees

Section 1. There shall be four standing committees: an Executive Committee in accordance with Subsection (a) of this Article; a Legislative Committee of seven members together with such nonvoting advisory members as the President may deem it wise to appoint; A nominating Committee in accordance with By-Laws Article I, Election of Officers; a Resolutions Committee of five members.

Subsection (a). THE EXECUTIVE COMMITTEE. The Executive Committee shall consist of the President, the First Vice-President, the Second Vice-President, the Third Vice-President, the Immediate Past-President, the Secretary-Treasurer, two past-presidents as provided in Article IV of the Constitution; and three elected members-at-large.

It shall be the duty of the Executive Committee to take into consideration and act upon all matters of business between annual meetings, and upon all propositions for membership; to approve all bonds protecting the funds of the Association; to select depositories in which the funds and securities of the Association are to be deposited; to direct the investments of funds of the Association; to contract for and make necessary arrangements for editing and publishing the Annual Proceedings, the Carolina Journal of Pharmacy, and such other publications as the Association may direct; and to perform such other duties as may from time to time be referred to it. It shall also have general charge of and final authority over all affairs of the Association which are not specifically provided for elsewhere in the By-Laws.

Subsection (b). THE LEGISLATIVE COMMITTEE. It shall be the duty of the Legislative Committee to use its efforts in sponsoring the passage of such legislation as the Association may specifically recommend, and to oppose such legislation as the Association resolves to oppose. During the intervals between annual meetings of the Association, if anticipated legislative developments occur, the Legislative Committee shall ask for a called meeting of the Executive Committee in order that the latter committee may act officially for the Association in advising, approving, or opposing such measures or methods as the Legislative Committee may present. This Committee may use its discretion in withholding any information which it deems unwise or unnecessary to publish. With this qualification, the report shall be presented to the Association by the Chairman of the Legislative Committee or his appointed representative.

Subsection (c). THE RESOLUTIONS COMMITTEE. The Committee on Resolutions shall meet together and decide on matters upon which the organization should take a public stand. The Committee shall also receive all resolutions which may be referred to it by the Association members for study at any annual meeting, provided they are presented in writing to the committee no later than the first full day of the annual meeting if the meeting is scheduled for more than one day and no later than noon if the meeting is scheduled for one day only.

Section 2. APPOINTIVE COMMITTEES. The President shall appoint the following committees to be assigned applicable powers and duties, consistent with the Association's Constitution and By-Laws:

A. Continuing Education
B. Consolidated Pharmacy Loan Fund
C. Delivery of Pharmaceutical Service
D. Endowment Fund (NCPhA/Institute)
E. Hospital Pharmacy
F. Mental Health
G. Nursing Homes/Extended Care Facilities
H. Professional Relations
I. Public Relations
J. Public Health and Welfare
K. Social and Economic Relations

Other committees may be appointed by the President to perform such special duties as may be assigned by the President and/or the Executive Committee.

Article IV—Of Membership

Section 1. ACTIVE MEMBERS. Every pharmacist meeting the qualifications of Article III, Section I of the Constitution, is eligible for active membership. Upon completion of the membership application available to him from the Association office, which requires endorsements of two members in good standing, he may submit such application together with annual dues in accordance with Subsection (a).

Subsection (a). DUES. Every member shall pay in advance into the hands of the Secretary-Treasurer the sum of fifty dollars as yearly contribution, except that those not financially interested in a drug business shall pay twenty dollars. In case a drug store or pharmacy is owned by a partnership or corporation, the first partner or owner shall pay $50.00; each additional partner or owner shall pay $20.00. Annually, pharmacy managers shall pay $50.00; hospital pharmacists $20.00.

Subsection (b). NON-PAYMENT. Any member in arrears at any annual meeting shall not be entitled to vote; anyone neglecting to pay his annual dues shall lose his membership.

Section 2. LIFE MEMBERS. Any member in good standing is eligible for a life membership and thereafter he shall be exempt from all future annual dues. The cost of such membership shall be ten times the individual's maximum annual dues.

Also, the Executive Committee is empowered to vote into Life Membership a member whose contributions to his profession and/or the Association have been so outstanding that he merits this honor.

Section 3. STUDENT BRANCH. Any student in a School of Pharmacy meeting the qualifications of Article III, Section 3 of the Constitution, and paying the annual dues of two dollars, is eligible for membership as specified in the above-named section.

Section 4. HONORARY MEMBERS. Honorary Membership may be conferred upon nonmembers who have made noteworthy contri-

butions to the Association. Nomination for such honorary membership shall be made to the Executive Committee, who shall consider and act upon such nomination. Honorary members shall have the privilege of attending annual meetings of the Association but shall not enjoy any other rights or privileges of membership in the organization.

Article V—Of Meetings

Section 1. Association meetings shall be held annually, or from time to time, as the Association may determine, provided that in case of failure of this from any cause, the duty of calling the Association together shall devolve upon the President, or upon the Vice-Presidents, with the advice and consent of the Executive Committee.

Special meetings may be held upon written request of fifteen members, who shall state the purpose thereof, and only such matters shall be considered at such a meeting.

Section 2. At the opening of each annual meeting, in the absence of the President, or Vice-Presidents, one of the Executive Committee shall take the chair. In the absence of all, a President pro tempore shall be elected by the members present. In the absence of the Secretary-Treasurer, the presiding officer shall appoint a Secretary pro tempore.

Section 3. Fifty members constitute a quorum.

Section 4. REGISTRATION FEE. A registration fee shall be paid by each person participating in the affairs of the annual convention, except for student branch members. The amount of such fee shall be fixed annually by the Executive Committee.

Article VI—Of Branches

Section 1. There shall be a students' branch within the Association, the membership of which shall be composed of and limited to regularly enrolled students in a School of Pharmacy within the borders of North Carolina. The Branch must organize itself, elect a president, a secretary, and a treasurer. These officers shall be responsible to the Secretary-Treasurer of the Association for funds collected as annual Association dues. It shall have a constitution and set of by-laws which shall be approved by the Executive Committee of the Association.

No action taken by such Branch shall bind the Association in any way save when a proposed action is submitted as a recommendation to the Executive Committee prior to the annual meeting. If the Executive Committee gives its approval the recommendation may be submitted first to the general membership at a regular meeting and then assigned to the Committee on Resolutions for study and report in the usual manner.

Article VII—Of Delegates

Section 1. The President shall annually appoint two delegates to the American Pharmaceutical Association and two to the National Association of Retail Druggists.

Article VIII—Amending the By-Laws

Section 1. Every proposition to alter or amend these By-Laws shall be submitted in writing at one session of the annual meeting and shall be balloted on at a subsequent session when, upon receiving a vote of two-thirds of members present, it shall become part of the By-Laws.

WOMAN'S AUXILIARY
of the
NORTH CAROLINA PHARMACEUTICAL ASSOCIATION

OFFICERS 1971-1972

President.....Mrs. George Cocolas, 1298 Wildwood Drive, Chapel Hill 27514
1st Vice-President.....Mrs. William G. Thames, 307 Lakeview Road, Hope Mills 28348
2nd Vice-President.....Mrs. Dewayne Franzen, 3302 Charing Cross Rd., Greensboro 27405
Recording Secretary.....Mrs. R. I. Cromley, Jr., 4732 Wildwood Rd., Raleigh 27609
Corresponding Secretary.....Mrs. M. E. Hedgepeth, P. O. Box 1006, Henderson 27536
Treasurer.....Mrs. W. A. West, Box 248, Roseboro 28382
Parliamentarian.....Mrs. Joseph C. Estes, 501 McCoy Road, Reidsville 27320
Historian.....Mrs. Jesse Pike, 136 Beverly Drive, Concord 28025
Advisor.....Mrs. W. Grover Creech, 105 Longview Drive, Smithfield 27577
Advisor.....Mrs. William P. Wells, 2205 Wilson Street, Durham 27705
Coordinator.....Mrs. W. J. Smith, 908 Arrowhead Road, Chapel Hill 27514

COMMITTEES

Nominating

Mrs. W. P. Wells, Chmn.
Mrs. W. Grover Creech
Mrs. Zack Lyons

Resolutions

Mrs. J. Marshall Sasser, Chmn.
Mrs. Ben Bullock
Mrs. Hoy Moose

Hospitality

Mrs. Dewayne Franzen, Chmn.
Mrs. George Hager
Mrs. John C. Hood, Jr.
Mrs. Frank Pickard

Publicity

Mrs. M. E. Hedgepeth

Membership

Mrs. W. G. Thames, Chmn.
Mrs. H. Shelton Brown

Necrology

Mrs. E. R. Fuller, Chmn.
Mrs. W. L. West

Institute Decorating

Mrs. B. Cade Brooks, Chmn.
Mrs. Robert Hall

Doings

Mrs. W. J. Smith, Chmn.
Mrs. Graham Patrick
Mrs. R. K. Updegrave

State Project—"Bizarre Bazaar"

Mrs. John T. Henley, Chmn.
Mrs. Don Chapman
Mrs. Albert Mattocks
Mrs. A. H. Mebane, III

MOD Education

Mrs. Louis Harris, Co-Chairman
Mrs. Ralph Rogers, Co-Chairman
Mrs. George Harris
Mrs. Claude Piantadosi
Mrs. Lloyd Senter
Mrs. Monroe Wall

Fall Convocation

Mrs. Dewayne Franzen
Mrs. Albert Mattocks
Mrs. Graham Patrick
Mrs. Lee Werley

Pharmacy Wives Scholarship

Mrs. William Wells
Mrs. Charles Delaney

WOMAN'S AUXILIARY OF THE NORTH CAROLINA PHARMACEUTICAL ASSOCIATION 44th ANNUAL BUSINESS SESSION

(Edited)

APRIL 20, 1971

The Woman's Auxiliary of the North Carolina Pharmaceutical Association held its 44th annual business meeting on April 20, 1971, at the Durham Hotel. In commemoration of the fifty years since the founding of the Woman's Auxiliary, the theme for the session was "Happiness is Celebrating our First Fifty Years." The decorations, program, and dresses of the Pages depicted the Golden Anniversary Celebration. The President, Mrs. W. Grover Creech, presided.

After invocation by Mrs. John T. Stevenson, former State President, greetings were brought by Mrs. W. P. Wells, Convention Chairman and immediate Past-President of the Auxiliary.

Mrs. Thomas M. Holland, former State President, conducted a Memorial Service for members who had passed away during the year. She was assisted by Mrs. S. T. Forrest, also a former State President. Those lost by death this past year were: Mrs. Fred Moss (Gastonia), Mrs. Howard Whitley (Concord), Mrs. Charles Porter (Concord), and Mrs. E. C. Daniel (Zebulon).

Since the minutes of the 1970 meeting were published in the October *Carolina Journal of Pharmacy*, minutes and roll call were dispensed with. The following members were appointed by the President to serve on the Minutes Committee: Mrs. A. H. Mebane, III; Mrs. Robert B. Hall; Mrs. Dewayne Franzen.

Mrs. John Henley, Treasurer, reported that her records were incomplete at this time, but that a completed report will be filed for audit. The following contributions from local auxiliaries were reported to date:

Cape Fear Valley Auxiliary—$50.00 Auditorium Redecorating. $25.00 School of Pharmacy Lounge

Chapel Hill Auxiliary—$100.00 Auditorium Redecorating, $100.00 Scholarship Fund #2

High Point Auxiliary—$50.00 Auditorium Redecorating, $50.00 Lucile S. Rogers Scholarship

Cabarrus County Auxiliary—$10.00 Institute of Pharmacy

Mrs. Jack Millar gave $100.00 to the Lucile S. Rogers Scholarship Fund as a Mother's Day Memorial gift. This will be matched by The Reynolds Foundation, making a total of $200.00. Mrs. Henley reported the following balances in invested accounts: Reserve Fund $413.56; Lucile S. Rogers Fund $11,239.47; Scholarship Fund #2 $1,897.69.

Mrs. Creech appointed the following members to serve on the Auditing Committee: Mrs. B. Cade Brooks, Mrs. Lee Werley, Mrs. B. Paul Woodard.

The Report of the Executive Board was given by Mrs. J. Marshall Sasser.

REPORT OF THE EXECUTIVE BOARD

The Executive Board of the Woman's Auxiliary met five times during the year. At the board meeting on June 17, 1970, at the Institute of Pharmacy in Chapel Hill, plans for the year were approved as follows:

(1) MAXI Project—MOD Education to be continued, supplemented by $8,000 grant from Z. Smith Reynolds Foundation.
(2) MINI Project—making footwarmers from terry bath cloths for needy patients in hospitals and nursing homes.
(3) SPECIAL Project—redecorating auditorium at Institute of Pharmacy Building in Chapel Hill.
(4) Sponsoring Fall Convocation on October 7 at the Institute of Pharmacy with Dr. Donald Moore of Southeastern Seminary, Wake Forest, as guest speaker.
(5) Presidents' "Share-In" to be held August 13 at the Institute of Pharmacy.
(6) Sponsor Pharmacy Student Wives Seminar in February 1971.
(7) Formed four new committees: Legisla-

tive, Necrology, Awards and Recognition, and Auditorium Redecorating Committee (Institute of Pharmacy).

The Executive Board was joined by the Legislative Committee and the MOD Education Committee for a tour of the State House and Luncheon Meeting on February 25, 1971.

Allocation of Funds was made as follows:

N. C. Council of Women's Organizations Membership	10.00
Scholarship for Pharmacy Student Wives	100.00
Student Lounge at School of Pharmacy	50.00
Lambrequins for Institute of Pharmacy Auditorium	200.00
MOD Education Committee	200.00
N. C. Family Life Council, Inc. Membership	20.00
Pharmacy Student Wives Organization	50.00

STANDING COMMITTEE REPORTS

The following reports were adopted or filed as presented.

MEMBERSHIP: Mrs. A. H. Mebane, III for Mrs. Jack Alexander, Chairman

408 Paid Memberships
12 Life Members
75 Pharmacy Student Wives
128 Registered at Convention

HOSPITALITY: Mrs. A. H. Mebane, III, Chairman

During the past year, twenty-five cards and notes were sent to members or family of members of the Woman's Auxiliary. A coffee was given at the Fall Workshop on October 7, 1970, by the Hospitality Committee and the Greensboro Drug Auxiliary.

PARLIAMENTARIAN: Mrs. John Hood, Jr.

Upon motion by Mrs. John Hood, Jr., seconded by Mrs. Joseph Bland, the following change was adopted in the By-Laws: Section 3, Article II—Duties of Officers, the second paragraph be changed to read as follows: "The corresponding secretary shall handle correspondence delegated to her by the President. She shall also serve as chairman of the Publicity Committee."

HISTORIAN: Mrs. Joseph Bland

Mrs. Bland thanked all persons who had contributed material for the State Scrapbook, and stated that it was on display in the Hospitality Room.

Mrs. Creech called attention to other scrapbooks and special displays in the Hospitality Room reminiscent of past years. She also announced that Mrs. John T. Stevenson had just completed the history of the past six years of the Auxiliary, and that they would be distributed at the close of the business session. Mrs. Creech thanked Mrs. Stevenson on behalf of the auxiliary for this very outstanding history compilation.

RESOLUTION: Mrs. R. B. Hall, Chairman

Resolutions of appreciation were adopted to:

Mrs. W. P. Wells and her Convention Committee, Officers and Committee Members of the Auxiliary, the outgoing member of the Executive Board, The NCPhA office personnel, Chapel Hill, MOD Education Committee, the NCPhA, The TMA, and others who contributed to the Convention activities.

Also, a special resolution was read expressing appreciation to Mrs. W. C. Friday, Mrs. Kay Kyser, Mrs. George Holcombe and Senator Henley, who served as "faculty" for the Pharmacy Wives Seminar.

PUBLICITY: Mrs. Jack Watts, Chairman

In the absence of the chairman, Mrs. Creech stated that news releases were sent to all leading newspapers across the State concerning the Fall Convocation and Convention. Publicity was also sent to newspapers regarding meeting held in Raleigh of the Executive Board, MOD Education Committee, Legislative Committee.

"DOINGS": Mrs. George Cocolas, Chmn.

This year there were two issues of

DOINGS. The first issue was published in September 1970; the second issue announcing the convention program and activities was issued in March. 750 copies of each issue were printed and sent to every member, with extra copies going to each Auxiliary President for distribution to new members.

MOD EDUCATION PROJECT: Mrs. Louis Harris, Chairman

The Project Committee is happy to report that MOD Education has enjoyed a second successful year. Through the courtesy of Dean George Hager of the UNC School of Pharmacy, funds from a grant from the Z. Smith Reynolds Foundation were allotted to the project. These funds made it possible to distribute over 1700 complimentary portfolios of educational information about commonly misused drugs to schools and other agencies. Every public and state-approved private school with a seventh or higher grade, all technical schools and community colleges, all county libraries, and a number of social service organizations in North Carolina received a portfolio. Because of widespread interest in the materials, the packets are now available at the nominal cost of $3.25. In the past two months 65 paid packets have been mailed out. In addition to this collection of materials, selected pamphlets have been sent to numbers of school children who have written to the committee seeking information.

MOD Education has purchased a selection of audio-visual materials which are available on a free loan basis to educational institutions throughout the state. These include two color films, six sound filmstrip sets, a tape, and several sets of colored slides with keyed explanatory cards. These materials are in continuous circulation.

The project's small library of pertinent books continues to grow. These, too, are available on a free loan basis to authorized people throughout the state.

In order to effect a division of labor in carrying out the several aspects of the project, several sub-committees were formed. These, with their chairmen, include: Preparation of Packets, Mrs. Albert Mattocks; Film Review, Mrs. Donald McLeod; Books, Mrs. Monroe Wall; Circulation of Materials, Mrs. Claude Piantadosi.

It is hoped that, in addition to making some contribution toward the solution of a widespread public health problem, this project has served also to help further good pharmacist-community relationships.

SPECIAL PROJECT: (Redecorating Institute of Pharmacy Auditorium) *Mrs. Hoy Moose, Chairman*

Mrs. Moose thanked local auxiliaries for earmarking funds for redecorating auditorium at Institute.

LIAISON: Mrs. John C. Hood, Jr., Chmn.

Mrs. Hood stated that she had mailed letters to all committee members regarding auxiliary activities and membership.

SCHOLARSHIP: (Pharmacy Wives) *Mrs. John Henley*

The Pharmacy Wives scholarship for $50.00 for each semester was awarded to Linda Vaughn for the school year 1970-71. Linda is trying to complete her education in Business or Interior Design. Her husband, William Edward, is a senior in the School of Pharmacy. Linda was present at the session and thanked the Auxiliary for their generous scholarship in helping with her education. She stated that one of the reports she had done was on display in the Hospitality Room.

STUDENT WIVES SEMINAR REPORT: Mrs. J. Weaver Kirpatrick, President, Pharmacy (Student) Wives

Mrs. Kirkpatrick expressed her appreciation to the Auxiliary for support during the year and sponsoring the Student Wives Seminar and Sweetheart Dinner. She expressed special thanks to "Mama Smith" for her help during the year and to Ida Wells for her help with the Seminar. She also shared with the group how much the student wives organization had meant to her and recognized the officers of

her group who were serving as Pages for the Convention.

NOMINATING: Mrs. Don Chapman, Chmn. The Nominating Committee submitted the following slate of officers for the year 1971-72, which was elected by the Assembly:

President: Mrs. George Cocolas
1st Vice-President: Mrs. W. G. Thames
2nd Vice-Pres.: Mrs. Dewayne Franzen
Rec. Secretary: Mrs. R. I. Cromley, Jr.
Cor. Secretary: Mrs. M. E. Hedgepeth
Treasurer: Mrs. W. A. West
Parliamentarian: Mrs. Joe Estes
Historian: Mrs. Jesse Pike
Advisor: Mrs. W. P. Wells
Advisor: Mrs. W. Grover Creech

RECOGNITION AND AWARDS

Cape Fear Valley Auxiliary was presented special certificate for their outstanding work in making 96 pairs of footwarmers as well as contributing funds in other areas. This presentation was made by Mr. B. Cade Brooks, President of the North Carolina Pharmaceutical Association, and accepted by Mrs. J. Cody Newton.

Chapel Hill Auxiliary was presented a special certificate for their work with our MOD Education Project as well as contributions in other areas. This presentation was made by Dean Lee Werley of the School of Pharmacy and accepted by Mrs. Werley. Mrs. Louis Harris, Chairman of the MOD Education Committee, was presented a special gift from the Auxiliary for her outstanding work on this committee. This presentation was made by Mrs. W. P. Wells.

Life Membership Award—Mrs. John C. Hood, former State President and mother of the incoming President of the North Carolina Pharmaceutical Association was presented a Life Membership in the Woman's Auxiliary. This presentation was made by Mrs. James L. Creech, former State President.

Golden Anniversary Queen Coronation—Mrs. W. J. Smith, Coordinator of the Woman's Auxiliary was crowned Golden Anniversary Queen. Mr. W. J. Smith placed the crown upon her head as Mrs. W. Grover Creech read a tribute to her entitled, "A Tribute to Vivian—Our Coordinator and Golden Anniversary Queen."

Mrs. Creech announced at the closing of each year a member of the Executive Board retires concluding several years of continuous service. This year, Mrs. Don Chapman (Sue) leaves the Board, with an outstanding record behind. Not only did she have a baby girl while President, and also a baby boy while serving as advisor, but she never missed an official meeting. Mrs. Chapman was given a rising vote of thanks by the assembly.

Mrs. A. H. Mebane, III, Vice-President, took the chair while the President gave her report. Mrs. Creech gave a pictorial report entitled "A Glance Backward—A Look Forward."

PRESIDENT'S REPORT

Fifty years ago, June 23, 1920, the Woman's Auxiliary of the North Carolina Pharmaceutical Association was born with 24 charter members.

Happiness for us, April 20, 1971, is commemorating the founding of our organization. We are proud of our heritage and grateful to all who have made it possible.

Happiness for me this past year has been the opportunity to serve as your President. I give this report with mixed emotions: joy in the love and friendship you have shown me, and sorrow in knowing I shall miss the close contacts I have enjoyed during the year.

To all of you who have helped make the outstanding reports and awards possible, and for your loyal support of our Maxi, Mini, and Special Projects, I am deeply grateful.

As I visited with local auxiliaries, held board meetings, and met with different groups, the interest you showed in promoting the Profession of Pharmacy has been most inspirational.

Let's take a glance backward at the past year's activities as we view the following slides. (Slides are available for showing by local groups or prints may be made for scrapbooks).

I am sure all of us look forward to the

new challenges that await us. We have confidence and pride in our newly elected President and officers who will lead us during the coming year and may I urge you to give them the same loyal support you have given us as we continue to bind our hands and hearts together in the interest of our great profession.

The President introduced the Pages: Mrs. William O'Quinn, Durham, Chief Page; Cindy Bland, daughter of Mr. and Mrs. Joe Bland, High Point; Marcia Creech, daughter of Mr. and Mrs. Grover Creech, Smithfield; Janet Wells, daughter of Mr. and Mrs. W. P. Wells, Durham; Pharmacy (Student) Wives officers: Mrs. Charles Duffy, Mrs. Marshall Henry, Mrs. Clyde Kistler, Mrs. Howard Kivett, Mrs. Kenneth Updegrave.

After announcements by the Convention Chairman, Mrs. W. P. Wells, the business session was recessed to reconvene at the Sealtest Luncheon, Carolina Inn, Chapel Hill.

Upon resumption of the forty-fourth annual business meeting of the Woman's Auxiliary of the North Carolina Pharmaceutical Association, Mrs. E. R. Fuller of Salisbury, Former State President, gave the invocation.

Mrs. Leon Kimball, representing Sealtest Foods, brought greetings from the luncheon host.

Mrs. George Hager, wife of the Dean of the UNC School of Pharmacy, brought greetings from Chapel Hill. The response was given by Mrs. J. Marshall Sasser of Smithfield, Corresponding Secretary.

Mrs. W. P. Wells introduced a dancing group from Durham who furnished delightful entertainment.

Mrs. Don Chapman installed the new officers and Mrs. Creech presented the President's traveling pin and gavel to the new

Officers of the Woman's Auxiliary, 1971-72 (Left to Right): Mrs. Dewayne Franzen, Mrs. R. I. Cromley, Jr., Mrs. George Cocolas (President), Mrs. W. P. Wells, Mrs. Grover Creech, Mrs. William G. Thames, Mrs. Joseph C. Estes, Jr. and Mrs. W. Artemus West.

President, Mrs. George Cocolas. Mrs. Cocolas presented Mrs. Creech a Past-President's pin. Mrs. John Henley presented Mrs. Creech with a gift of silver from the Woman's Auxiliary as a token of appreciation for her work during the year.

Following Convention announcements by Mrs. Wells, the President adjourned the meeting with the reading of an Irish Blessing:

"May the road rise ever with you,
May the wind be always at your back,
May the rain fall gently on your fields,
And the sun shine upon your face,
And until we meet again,
May God hold you in the palm of his hand."

MRS. GEORGE COCOLAS, President Woman's Auxiliary, NCPhA, 1971-72

Serving as Pages for the Woman's Auxiliary at the Durham Convention were (left to right): Student wives Mrs. Howard Kivett, Mrs. Clyde Kistler, Mrs. Marshall Henry; Miss Marcia Creeih, daughter of Mr. and Mrs. Grover Creech of Smithfield; Student Wives Mrs. Charles Duffey, Mrs. Kenneth Updegrave; Chief Page Mrs. William P. Wells; and Durham; Miss Janet Wells, Durham, daughter of Mr. and Mrs. William P. Wells; and Miss Cindy Bland, daughter of Mr. and Mrs. Joseph Bland, High Point. Photo By Colorcraft

1971-1972 ROSTER TRAVELING MEN'S AUXILIARY OF THE NORTH CAROLINA PHARMACEUTICAL ASSOCIATION

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Zack W. Lyon, Vice-President ..... Peabody Drug Co.
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Tom Sanders, 1 year ..... W. H. King Drug Co.

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Buchanan, G. G., Box 1254, Greensboro 27403
Coble, G. Garland, 901 Fairmount St., Greensboro 27401
Cory, G. E., 3600 Madison Ave., Greensboro 27403
Cox, A. G., 2513 Club Blvd., Durham 27705
Cross, Allen R., Apt. 606, Pembroke Towers, Norfolk, Va. 23507
Darlington, J. M., 2232 Westover Drive, Winston-Salem 27103
Dean, M. J., 2100 Matheson Ave., Charlotte 28205
Ezell, W. O., P. O. Box 1596, Spartanburg, S. C. 29301
Farnsworth, H. J., 1100 Arden Place, Greensboro 27403
Goodrich, J. Floyd, 2121 Club Blvd., Durham 27705
Johnson, W. L., Oakhurst Farms, Gibson 28343
Jones, Earle, 2607 Lockmoor Drive, Raleigh 27608
Matthews, F. T., 611 Myers Lane, Greensboro 27408
Morris, M. G., 315 Isabelle, Greensboro 27401
Moury, N. B., 237 Shady Hollow, Casselberry, Fla. 32707
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Rogers, W. P., 236 Country Club Road, Asheville 28804
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Stovall, F. A., 2210 Pershing Street, Durham 27705
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Trogden, O. C., P. O. Box 22025, Greensboro 27402
VanEvery, Phil, P. O. Box 4528, Charlotte 28204
Waugh, T. B., Rt. 1, Box 88A, Climax 27233
Wear, Joe, Box 217, Wyckliffe, Ky. 42087
White, R. L., Rt. 3, Box 335B, Boone 28607
Woodall, S. S., 277 Braircliffe Acres, Myrtle Beach, S. C. 29577
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The Geer Drug Co.—W. Henry Davis, 268 Royal Pines Drive, Arden 28704
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Johnson and Johnson—Charles L. Moseley, The Towers, Apt. 502, Greensboro 27401

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Justice Drug Co.—L. R. Davis, P. O. Box 22025, Greensboro 27402
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Kendall Drug Company—C. Rush Hamrick, Jr., Box 1060, Shelby 28150
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King, W. H. Drug Co.—Tom Sanders, 712 Tucker, Raleigh 27602
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Merck, Sharp & Dohme—W. E. Sutton, P. O. Box 1353, Wilmington 28401
Merck, Sharp & Dohme—Tommy H. Temple, 4301 Whitestone Court, Richmond, Va. 23234

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McKesson & Robbins—P. S. Hawfield, Rt. 1, Pineville 28134
McKesson & Robbins—W. B. Hawfield, P. O. Box 2175, Charlotte 28201
McKesson & Robbins—P. W. Kendall, P. O. Box 2175, Charlotte 28201
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McKesson & Robbins—Bobby McDaniel, P. O. Box 2175, Charlotte 28201
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McKesson & Robbins—Tobie K. Steele, P. O. Box 2175, Charlotte 28201
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N. C. Mutual Wholesale Drug—T. H. Mangum, 3503 Eastis Drive, Durham 27705
N. C. Mutual Wholesale Drug—W. V. O'Quinn, 3522 Gooch Road, Durham 27704
N. C. Mutual Wholesale Drug—Ralph P. Rogers, Jr., 1513 Sycamore Street, Durham 27707
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O'Hanlon-Watson Drug Co.—L. P. Miller, P. O. Box 614, Winston-Salem 27103
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Owens, Minor & Bodeker, Inc.—Robert A. Boone, 408 Emerson Drive, Raleigh 27609
Owens, Minor & Bodeker, Inc.—Gamble Bowers, Box 11085, Richmond, Va. 23230
Owens, Minor & Bodeker, Inc.—W. Frank Fife, 304 Wilshire Blvd., Wilson 27893
Owens, Minor & Bodeker, Inc.—Ray Howell, 3500 Oates Drive, Raleigh 27604
Owens, Minor & Bodeker, Inc.—Gilmer Minor, Box 11085, Richmond, Va. 23230
Owens, Minor & Bodeker, Inc.—L. S. Whittle, 603 Hooks River Road, Goldsboro 27530
Owens, Minor & Bodeker, Inc.—Cecil Williamson, 602 N. 25th Street, Wilmington 28401
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Parke Davis & Co.—Joseph E. Gillespie, 5015 Shamrock Drive, Raleigh 27609
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Parke Davis & Co.—Fred Johnson, P. O. Box 4925, Atlanta, Ga. 30302
Parke Davis & Co.—D. D. Leaver, 3615 Britt Street, Durham 27705
Parke Davis & Co.—W. T. Powell, III, Rt. 6, Box 830, Hickory 28601
Parke Davis & Co.—Gordon Vail, Rt. 1, Box 299-N, Matthews 28105
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Pine State Creamery Company—Ben W. Kilgore III, P. O. Box 6188, Raleigh 27608
Pine State Creamery Company—J. D. Kilgore, P. O. Box 6188, Raleigh 27608
Pine State Creamery Company—T. Preston Matthews, P. O. Box 6188, Raleigh 27608
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Rorer, Wm. H. Inc.—Roger G. Barricks, Rt. 2, Summerfield 27358
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Rorer, Wm. H. Inc.—Marion A. Suitt, 4904 Six Forks Road, Raleigh 27609
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Scott Drug Company—Wilbur Blanton, P. O. Box 10627, Charlotte 28201
Scott Drug Company—Lore S. Brown, Box 246, Hamlet 28345
Scott Drug Company—Dan Busby, Box 5334, Statesville 28629
Scott Drug Company—Bill V. Conder, P. O. Box 10627, Charlotte 28201
Scott Drug Company—Carlos Fry, P. O. Box 652, Carthage 28345
Scott Drug Company—Carl Geanes, P. O. Box 10627, Charlotte 28201
Scott Drug Company—I. E. Helms, Box 22, North Wilkesboro 28677
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Scott Drug Company—A. W. Lowery, Box 10627, Charlotte 28201
Scott Drug Company—W. J. Shelley, P. O. Box 505, High Point 27262
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Scott Drug Company—Bobby Wall, P. O. Box 10627, Charlotte 28201
Scott Drug Company—J. A. Wolfe, P. O. Box 10627, Charlotte 28201
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Schering Corporation—James Ray Willis, 5210 Pineway, Durham 27705
Schering Corporation—George M. Bullock, 5102 Longleaf Drive, Durham 27705
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Schmid, Julius, Inc.—Melvin D. Martin, 325 Bidney Drive, Burlington 27215
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Sealtest Foods—James E. Smith, 800 Dalton Avenue, Box 1787, Charlotte 28206
Sealtest Foods—Al Thomas, Box 769, Durham 27705
Sealtest Foods—Bruce Wingate, Box 1787, Charlotte 28201
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Smith, Dr. T. C. Co.—Canie B. Smith, P. O. Box 6656, Asheville 28806
Smith, Dr. T. C. Co.—E. Pannie Smith, Box 10671, Raleigh 27607
Smith, Dr. T. C. Co.—Frank S. Smith III, P. O. Box 6656, Asheville 28806

Smith, Dr. T. C. Co.—Stacy Smith, P. O. Box 6656, Asheville 28806
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Smith Wholesale Drug Co.—A. C. Vickers, 1250 Partridge Rd., Spartanburg, S. C. 29302
Smith Wholesale Drug Co.—Don Weathers, 2048 Edgewater Drive, Charlotte 28210
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Squibb, E. R. and Sons—Kenneth R. Mizelle, 3713 Ann Arbor Court, Raleigh 27604
Squibb, E. R. and Sons—Ray E. Weathers, 2310 Sprunt Street, Durham 27705
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Stanback Company, LTD.—W. P. Franklin, Piney Plain Road, Box 280, Raleigh 27606
Stanback Company, LTD.—T. Jim Matthews, C/o Co., Salisbury 28144
Stanback Company, LTD.—F. J. Stanback, C/o Co., Salisbury 28144
Strasenburg—Sam D. Garrard, Jr., 3604 Wheaton Place, Raleigh 27609
Strasenburg—Reid W. Sandford, 521 Park Terrace, Greensboro 27403
Stuart Dix-Atlas—C. E. Lamb, Jr., 2624 Goneaway Road, Charlotte 28210
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Towne-Paulsen & Co.—Joe Brown, Box 441, Mocksville 27028
Triton Water Co.—T. W. Cope, 881 Raleigh St., Box 6424, Greensboro 27405
Thomas, R. G. Co.—Roland G. Thomas, Box 25345, Charlotte 28212
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The Upjohn Co.—Wm. R. Barnard, 3423 Glouchester Lane, Greensboro 27410
The Upjohn Co.—John H. Hall, 4721 Woodridge Drive, Raleigh 27609
Walgreen Agency Division—Poe H. Ledford, Box 786, Dunn 28334
Whitman's Choc. Div.—Ray McArtan, 801 E. Morris Circle, Dunn 28334
Winthrop Lab—Ken Perry, Box 5515, Raleigh 27607
Winthrop Lab—Herman H. Robinson, Jr., Box 3456, Fayetteville 28305
Wyeth Laboratories—Olin H. Welsh, Box 17325, Charlotte 28211
Youngs Drug Products—Henry Trudeau, 3915 Winfield Drive, Charlotte 28205
Youngs Drug Products—Stephen G. (Jerry) Everette, 2218 Woodberry Drive, Greensboro 27403

Officers of the TMA (Left to Right): L. D. Davidson, President; Zack W. Lyon, Vice-President; L. M. McCombs, Secretary-Treasurer; and C. H. Smith, Assistant Secretary-Treasurer.

In 1970, Roche Laboratories broke with pharmaceutical industry tradition by being the first company to discontinue mass, unsolicited sampling of professional products. The Roche aim is to ensure the greatest benefit to the patient while meeting the professional needs of the pharmacist and physician. All are served best by proper handling of drugs. Better control of all aspects of drug distribution ensures the highest standards of health care for the patient, physician and community.

This policy reflects Roche interest in the general problems of pharmacy management, as well as the pharmacist-doctor, pharmacist-patient and pharmacist-community relations. There are many of your colleagues at Roche—practical profes-sionals in various management positions—who help make the policies and provide the services that help you meet the challenge of pharmacy today.

ROCHE

ROCHE LABORATORIES
Division of Hoffmann-La Roche Inc.
Nutley, New Jersey 07110

NINETIETH ANNUAL REPORT
NORTH CAROLINA BOARD OF PHARMACY

MAY 1, 1970-APRIL 30, 1971
MEMBERS AND ORGANIZATION

COMMISSIONED BY HIS EXCELLENCY THE GOVERNOR OF NORTH CAROLINA

H. V. Day, Spruce Pine, President	Term expires April 28, 1976
J. M. Pike, Concord, Vice President	Term expires April 28, 1972
D. D. Claytor, Greensboro	Term expires April 28, 1973
C. E. Page, Jr., Henderson	Term expires April 28, 1974
W. H. Randall, Jr., Lillington	Term expires April 28, 1975

Secretary-Treasurer
H. C. McAllister, Chapel Hill

General Counsel
Kenneth Wooten, Raleigh

Inspectors
Lloyd E. Davis, Chapel Hill
Guy O. Tripp, Wilmington

Chapel Hill, N. C.
May 1, 1971

To His Excellency
Governor Robert W. Scott
Raleigh, N. C.

Dear Sir:

In compliance with Article 4, Section 90-57 of the General Statutes of North Carolina, we are pleased to submit to you and to the North Carolina Pharmaceutical Association the Ninetieth Annual Report of the North Carolina Board of Pharmacy. This report contains the proceedings of the Board for the fiscal year ending April 30, 1971.

Respectfully yours,
N. C. BOARD OF PHARMACY
H. C. McAllister
Secretary-Treasurer

NINETIETH ANNUAL REPORT
OF THE
NORTH CAROLINA BOARD OF PHARMACY

Membership

There have been no changes in the membership of the Board during the year. At the May, 1970 meeting Harold V. Day was elected as President and Jesse M. Pike was elected as Vice-President. H. C. McAllister was elected as Secretary-Treasurer.

Meetings

Ten meetings of the Board were held during the year, all of which were at the office of the Board, 109 Church Street in Chapel Hill. Examinations were held as usual at the March and September meetings.

Pharmacists

There was a substantial net increase in the number of pharmacists on the active roster during the year, this increase being 159. Only 58 of this number, however, are engaged in pharmaceutical pursuits in the state. There was only a very modest increase of 21 in community practice. The number of pharmacists registered in North Carolina but residing out of the state increased by 65 to 487, or approximately 17.6% of all the pharmacists on the active roster.

Although the number of women pharmacists on the active roster increased by 43, only 13 of these are in practice.

Pharmacies

There was a net decrease of one in the number of pharmacy permits outstanding at the close of the year as compared with last year. There has been a change in the classes of permits outstanding, however. There was a net loss of 19 independent pharmacies, with a corresponding net gain of 19 in the number of chain stores.

Prescriptions

Six Hundred Twelve pharmacies reported filling 18,194,462 prescriptions last year. This is an average of 29,762 for each pharmacy reporting and represents a considerable increase over the figure reported last year.

Inspection and Law Enforcement

Although the Board has kept two inspectors in the field during the past year, their time has been occupied to a much greater extent than usual with special problems, thus limiting the number of routine inspections that could be made. The Board is concerned with the apparent increase in the number and the seriousness of the cases that it must handle. This concern centers largely around problems involving the control of prescription legend drugs, and particularly controlled drugs. Very large amounts of these drugs are found to be unaccounted for in some of our drug audits. The Board is also concerned about the increasing number of complaints lodged with it by the lay public. Again, the serious nature of the problems claiming the attention of the Board would make the Board remiss in its duty to the pharmacist if it did not give a warning to those to whom it might apply: "Inform yourself thoroughly on the requirements of the law and adjust your practices to comply with it where appropriate." The public concern with the "drug problem" will permit you to do no less, and it is possible that the Board may not be the only instrument through which this concern is satisfied.

More and more the Board is called upon to assist Federal and State agencies in the implementation of drug control laws. This activity has seemed to increase not only the inspection work load but that of the office and the Board as well. Pharmacists may anticipate stepped up enforcement activities in the months ahead when the new Federal Controlled Substances Act becomes fully operative and the State Controlled Substances Act (mentioned below) is passed and implemented.

New Laws

A bill has been introduced in the present session of the Legislature that would combine the State Narcotic Law and the Barbiturate and Stimulant Drug Law along the lines of the Federal law. The bill that has been introduced varies in a number of material respects from the Uniform Bill that has been recommended to the states in order to correlate State law with Federal law. Not only are there significant differences in requirements between the State bill that has been introduced and the Federal law that was passed but some of the penalties for minor infractions of the proposed State bill are extremely severe.

The Board of Pharmacy has filed a statement (in which a large number of recommendations for change have been made) with the subcommittee that is considering the State act. The Association and the School of Pharmacy have also filed a joint statement with the subcommittee, as have representatives of the pharmaceutical industry. Other groups, representing other interests, have also appeared before the subcommittee. It is our understanding that a special subcommittee has been appointed to redraw the bill that was introduced. Hopefully, the recommendations for change will be incorporated in the new draft.

Other Laws

Aside from the legislation dealing with drug control, there are other legislative proposals, dealing largely with licensure and professional practice, in which you will be interested. These proposals were developed by the Legislative Committee of the N. C. Pharmaceutical Association and bear the endorsement of the Board. There are three of these proposals.

The first will grant limited practice rights to certain pharmacy interns who are graduates of a college of pharmacy, have had at least three months of experience, and have passed the written portion of the Board examination. The bill simply accords to a person with these qualifications the legal recognition that he deserves and which he has not had in the past.

The second bill would modify somewhat the procedures for granting license by reciprocity. In recent years the Board has encountered increasingly difficult problems in handling applications for registration by reciprocity. This bill is designed to enable the Board to process applications in a more effective manner without interfering with the rights of applicants who have a bona fide interest in relocating in North Carolina. The procedure proposed is one that has been in effect in Virginia for many years.

The third bill would permit the Board to reduce (but not increase) the amount of practical pharmacy experience that an applicant for license must acquire before he can be admitted to the final portions of the examination and can be licensed. Under the present law an applicant must have a minimum of one year. The practical experience requirement is changing rapidly throughout the United States. The proposed bill will enable the Board to establish experience requirements consistent with those in effect in most states, without requiring legislative enactment for each change.

EXAMINATIONS

In September, 1970, seventy-nine candidates qualified for admission to the examinations; seventy-four passed and were registered. They are as follows:

Robert Ervin Adams, Hickory
George Bishop Albright, III, Winston-Salem
Suzanne Keith Alford, Raleigh
Bankston S. Armentrout, Daytona Bch., Fla.
Cecil Forrest Atwood, Jefferson
Thomas Henry Bess, Gastonia
Charles Ross Biggerstaff, Chapel Hill
George Asbury Blalock, Jr., Rockingham
Michael Anderson Boykin, Rocky Mount
William Edward Brady, Laurinburg
David Gregory Brooks, Greensboro
James Bedford Bryant, Washington
William Henry Burch, Durham
Joseph Franklin Burton, Greensboro
Clifford Roosevelt Butler, Chapel Hill
Earl Uel Capps, Jr., Chapel Hill
Richard Yoder Casper, Durham
James Robert Clark, Jr., Camp Hill, Pa.
Leslie Gordon Collins, Jr., Wilmington
Mary Nell Covalinski, Morganton
Carl Thomas Dagenhart, Jr., Charlotte

George Ike Davis, Rocky Mount
Timothy Edward Deal, Chapel Hill
Joseph Albert Edwards, Jr., Raleigh
Kathryn Gwin Edwards, Raleigh
Catalina C. Ellison, Winston-Salem
Sharon Griffith Ford, Durham
Claudia Smith Hackney, Chapel Hill
Charles Vinson Hamrick, Chapel Hill
Thomas Michael Harrington, Lexington
David Louis Holland, Wilmington
Larry Kenneth Hovis, Pinehurst
William DeLay Lamm, Mount Airy
Sarah Merriam Latham, Somerville, Mass.
Ralph Thomas Leonard, Thomasville
Vassar C. Livingood, Greensboro
Robert Ray Lucas, Durham
Forrest Schell McCall, Burnsville
Carol Ann McHaney, Greenville, S. C.
Richard Saunders McKinley, Kannapolis
James Fleetwood Maner, Jr., Williamston
Larry Norton Marlin, Statesville
Candice Brown Medding, High Point
Gerald James Merritt, Fayetteville
Judith McFalls Miller, Fletcher
James Robert Minor, Newton, Mass.
Steven Richard Moore, Tuba City, Ariz.
Clarence Lynn Murchison, Ricky Mount
Robert Stedman Neal, Burlington
Atlas Eugene Newsome, Winston-Salem
Norman Gilbert Overcash, Mooresville
Robert Dwayne Patterson, Shelby
Mary Katherine Phillips, Chapel Hill
William Douglas Poe, Apex
Sherlynn Dixon Powell, Raleigh
Charles Douglas Rice, Reidsville
Francina Maria Rogers, Asheville
Charles Wagoner Rose, Reidsville
John Robert Rostan, Valdese
Diana Kay Schmitz, Chapel Hill
Ronald James Shokes, Hickory
Larry Alan Smith, Burnsville
Linda Lane Spivey, Durham
Susan Brite Stafford, Greenville
Becky Floyd Stanley, Chapel Hill
Diana Lynn Stanton, New Bern
James Charles Suarez, Spartanburg, S. C.
Randall Scott Teague, Winston-Salem
Ronald Young Ward, Highwood, Ill.
Charles Millard Watson, Jr., Wilmington
Thomas Steve Wilson, Springfield, Va.
Sandra Carroll Woodall, Durham
Charles Eby Woodard, Hertford
Charles DeWayne Yoder, Chapel Hill

EXAMINATIONS

In March, 1971, fifty-nine candidates qualified for admission to the examinations; forty-six passed and were registered. They are as follows:

David Alexander Ayers, Valdese
James Michael Badger, Jefferson
Alan Grey Banner, Cycle
George Sprite Barbee, III, Elizabeth City
Douglas Ray Boyette, Kenly
Henry Shelton Brown, Jr., Goldsboro
Ernest Clyde Buchanan, Kinston
Barry Lee Carpenter, Troy
Judith Kramer Coan, Chapel Hill
Gary Dean Cornwell, Lincolnton
Robert Lee Crocker, Rocky Mount
James David Dalmas, Morganton
William Perry Deans, Wilson
Richard Lee Efird, Burlington
Roger Wilkins Efird, Denton
Charles Wm. F. Gambill, Jr., Wilkesboro
Joe Dan Gardner, Dallas
Larry Robert Godwin, Salisbury
Audrey Anderson Gray, Selma
James Craig Hayes, Marietta
Lynne Alexander Jackson, Chapel Hill
Julia Wheeler Jones, Hayesville
Robert Evans Kearney, Raleigh
Joyce Bittle Long, Rockingham
Robert Earl Long, Marion
Thomas Cecil McCall, Charlotte
William Evans McKellar, Jr., Clarkton
Joseph Grayson Minton, Murfreesboro
John Eldridge Nance, Durham
Clyde Thomas Oakley, Jr., Roxboro
Richard Allen Ottmar, Durham
Thomas Cox Owens, Whiteville
Charles Brownlow Pace, Grifton
Jack Coxe Pattisall, Rocky Mount
Edna Turner Perkinson, Charlotte
Mary Franklin Petty, Sparta
William Gibbs Pittman, Jr., Lewiston
Richard Hiram Rains, Kenly
Guy Lester Rippy, Durham
Lawrence Lelvin Seigler, Greensboro
Harold Wayne Smith, Climax
Lester Mark Smith, Oxford
Bonnie Jean Tilley, Raleigh
Elaine Riggins Tribble, Aberdeen
Hal Breen Woodall, Snow Hill
Walter Bruce Wynne, Louisburg

REGISTRATION BY RECIPROCITY

Eighty-four applications for reciprocal registration have been accepted and the applicants registered.

Those registered in this state are as follows:

Robert Dean Coopman, May 19, 1970 from Wisconsin
Patrick Alfred Curran, May 19, 1970 from Michigan
William Anthony Draugelis, May 19, 1970 from Ohio
Olis Robert Hunter, May 19, 1970 from Michigan
Yale Joel Jurin, May 19, 1970 from Virginia
William Alfred Heymann, May 19, 1970 from Pennsylvania
Douglas Hilburn Sutton, May 19, 1970 from South Carolina
John Philip Kern, May 19, 1970 from Ohio
Douglas Middlebrooks, May 19, 1970 from Michigan
George Warren Mock, May 19, 1970 from Ohio
Charles L. Nichols, May 19, 1970 from Pennsylvania
Newton Jack Peters, May 19, 1970 from Virginia
Jack Robert Polsky, May 19, 1970 from Michigan
Melvin Earle Richards, May 19, 1970 from Ohio
Albert Andrew Sebok, May 19, 1970 from Ohio
Herman Joseph Stavis, May 19, 1970 from Ohio
Jerry Wasserman, May 19, 1970 from Ohio
Garcon Weiss, May 19, 1970 from Ohio
Joel Michael Wolfe, May 19, 1970 from Ohio
Norman Lee Dunfee, June 16, 1970, from Ohio
Morris Elbert Hollingsworth, Jr., June 16, 1970 from Georgia
Wendell Ray Holloway, June 16, 1970 from Illinois
Nancy Eizabeth Rogers Justice, June 16, 1970 from South Carolina
Robert William Lewis, Jr., June 16, 1970 from Mississippi
Mary Constance Miller Thompson, June 16, 1970 from South Carolina
Myron David Winkelman, June 16, 1970 from Michigan
James Curtis White, June 16, 1970 from Illinois
Frank Spencer Anderson, July 21, 1970 from Virginia
Joseph Conrad Ernest Langevin, July 28, 1970 from Rhode Island
Milderd Cecilia Perry Love, September 1, 1970 from Georgia
Frederick Cecfious Barnett, September 18, 1970 from Alabama
Robert William Dolman, September 18, 1970 from Texas
Vincent Earle Froatz, September 18, 1970 from New York
Gilbert Lowell Hensley, September 18, 1970 from Tennessee
Lawrence Michael Lambe, September 18, 1970 from New York
Clifford Thomas Pacenta, September 18, 1970 from Pennsylvania
William Self Propst, September 18, 1970 from Alabama
Charles Edward Snyder, September 18, 1970 from West Virginia
Julian Taliaferro Woodbury, II, September 18, 1970 from Georgia
John Edwin Hoofnagle, September 21, 1970 from New York
William Doyle McGraw, September 22, 1970 from Indiana
Philip Bauer, September 28, 1970 from Ohio
Jack Monroe Boyer, September 28, 1970 from Ohio
Gordon Richard Harris, September 28, 1970 from Ohio
Hampton Clow Owen, Jr., September 28, 1970 from Virginia
David Lawrence Vernier, September 28, 1970 from Ohio
Robert Graham Buice, October 20, 1970 from Georgia
David Earl Ferrier, October 20, 1970 from Missouri

Belvin Lynn Fontenot, October 20, 1970 from Louisiana
Herman Jacob Lamberston, October 20, 1970 from New Mexico
Evelyn Carole Philbeck, October 20, 1970 from Virginia
Arthur Vernon Simpson, October 20, 1970 from Kentucky
Kirk Kelly Smith, October 20, 1970 from Georgia
Joan Elizabeth Twiddy, October 20, 1970 from Virginia
Ronald Edward DelCastilho, November 17, 1970 from Maryland
Carl Lee Stringer, November 17, 1970 from Georgia
Edwin Walter King, November 23, 1970 from Georgia
Eugene Bruscato, January 21, 1971 from Louisiana
John Deans, January 21, 1971 from Pennsylvania
Alice Niehausmyer Dunham, January 21, 1971 from Ohio
Allan Harold Krull, January 21, 1971 from New York
Jon Russell Pope, January 21, 1971 from Alabama
Janet Delores Belflower, February 16, 1971 from Maryland
Robert Melton Beck, February 16, 1971 from West Virginia
Nathan Wallace Blackmore, February 16, 1971 from Indiana
Raymond Franklin James, February 16, 1971 from South Carolina
Harold Eugene Lance, February 16, 1971 from Georgia
Robert Edward Lewis, February 16, 1971 from Texas
David Waugh Massengill, February 16, 1971 from Tennessee
William Sawyer Mellon, February 16, 1971 from Massachusetts
Brian Dave Dieterle, March 17, 1971 from Arizona
James Joseph Forst, March 17, 1971 from Georgia
Raymond Lorenzo Grant, March 17, 1971 from New York
James B. Duman, March 22, 1971 from New York
Nancy Wade Taylor, March 30, 1971 from Virginia
Robert Spencer Moser, April 19, 1971 from Michigan
William Harold Briner, April 21, 1971 from Pennsylvania
Gordon Wendell Cox, Jr., April 21, 1971 from South Carolina
Berly Omerle Derrick, Jr., April 21, 1971 from South Carolina
Dorothy Lois Campbell Hinz, April 21, 1971 from Iowa
Myron James Norman, April 21, 1971 from Virginia
Lawrence Santifer Robison, April 21, 1971 from Mississippi
Kenneth Gene Souder, April 21, 1971 from Tennessee
Laura Neale Vranian, April 21, 1971 from Virginia

PHARMACISTS REMOVED FROM THE REGISTERED LIST BY REQUEST OR FAILURE TO RENEW (44)

John Puett Andrews
Douglas John Booth
James Alvie Brackin
Richard Mack Brickle
Jack Delbert Cabaniss
Claude Claiborne Cannon
Charles Dennis Church
Robert Royall Copeland
Donna Clark Edwards
Samuel Bushall Etheridge
Victor Peter Fenev
Ignacio Castro Gamboa
Joseph Greenspan
Robert Jewell Hilliard
Robert Frank Holland
Natalie Gibson Inglis
William Spurgeon Johnson
Robert Bartow Jones
Jackie Larry Knight
Ronald Mamert Kudla
Joseph Elbert Ledford
Arthur Boise Macon
William Kendall Minnick
George Kelly Moose
John Frederick Rawlins
Milton Ottis Register
Levan Whittier Richardson

Ira Rosenberg
John Phillip Ryan
David Paul Schultz
Joseph Edgar Scoggins, Jr.
James David Sharp
Luther Frank Sistrunk, Jr.
Dan Rupert Smoots
John Bennett Sprinkle
Edgar Vance Stone
Joseph McCall Tate
Daniel Graves Taylor
Joseph Phillip Thorne
Richard John Wegert
Donald Joseph Welch
Jesse Rose Whitley
Douglas Lamar Wilkinson
Fate Williamson

Attorney's Report
May 25, 1971

North Carolina Board of Pharmacy
P. O. Box 471
Chapel Hill, North Carolina 27514

Re: Report of the Attorney for the Board for the Year 1970-1971

Gentlemen:

As attorney for the Board of Pharmacy for the year 1970-1971, I have attended the regular meetings of the Board as its legal advisor to assist in the preparation of evidence in disciplinary proceedings and to render opinions to the Board on legal questions.

During this year, a legal review has been made of the Board's rules and regulations and recommendations for changes and deletions to bring these into conformity with legal changes were presented to the Board and adopted by the re-enactment of these rules and regulations as amended.

Substantial changes have been made in the Federal laws governing the practice of pharmacy and bills, which bring about similar changes in the State laws, are now pending before the General Assembly. In presentations made to applicants for licenses and permits, an effort has been made to bring these legal changes to the attention of the applicants.

As attorney for the Board, I would urge all pharmacists to make every effort to keep informed and in compliance with the many changes in the laws governing the practice of pharmacy and the rendering of pharmaceutical service which are taking place today.

I appreciate the opportunity of working with the Board and its staff during this year.

Very truly yours,
BAILEY, DIXON, WOOTEN & McDONALD
Kenneth Wooten, Jr.

KW, Jr/dbb

Report of Inspector Davis

335 Burlage Circle
Chapel Hill, N. C.
May 1, 1971

To Members of the
North Carolina Board of Pharmacy
In Re: Annual Report

I submit herewith my report for the period May 1, 1970 through April 30, 1971. The following inspections and investigations were made:

Routine inspections of retail pharmacies	543
Accountability checks of retail pharmacies	10
Other special investigations	85
Inspections of facilities for registration in Class IV	9
Miscellaneous inspections	11

In regard to accountability checks, it may be of interest to know that 55 working days were consumed in this activity. A total of 12 working days were spent in attendance

at court as a witness for the state. As a reminder, the Board of Pharmacy made my services available to the State Bureau of Investigation for a total of 15 working days.

I assisted the Board of Pharmacy in conducting examinations for licensure on two occasions during the report period. I have attended all meetings of the Board of Pharmacy.

Also during the report period, I attended a four day school for boards of Pharmacy inspectors conducted by Bureau of Narcotics and Dangerous Drugs for orientation regarding the Comprehensive Drug Abuse Prevention and Control Act of 1970. This school also provided further instruction in procedures to properly accomplish accountability checks of retail pharmacies.

Respectfully submitted,
Lloyd E. Davis, Inspector
N. C. Board of Pharmacy

G. O. Tripp
4736 Carolina Beach Road
Wilmington, N. C. 28401
May 31, 1971

To the Members of the
North Carolina Board of Pharmacy
In Re: Annual Report

I submit my report for the period from May 31, 1970 to June 1, 1971.
The following inspections and investigations were made:

Routine Inspections	785
Miscellaneous Inspections	3
Special Investigations	35

I attended 10 Board of Pharmacy meetings.
I assisted in two Board of Pharmacy Examinations for Licensure.

Respectfully submitted,
G. O. Tripp, Inspector (Part Time)
N. C. Board of Pharmacy

REPORT OF THE PHARMACY EXTERN/INTERNSHIP PROGRAM

North Carolina Board of Pharmacy
P. O. Box 741
Chapel Hill, N. C. 27514

Re: Report of the Pharmacy Extern/Internship Program

Gentlemen:

During the summer months of 1970, I traveled almost 4,000 miles visiting communities in which pharmacy students were registered to receive their practical experience in pharmacies under the supervision of pharmacist preceptors. My primary purpose was to discuss the revised NOTEBOOK AND PROGRAM INSTRUCTIONS with preceptors and students and to elicit discussion of the program as well as suggestions for improvement. In this manner, it was hoped each preceptor would gain a greater awareness of his serious role and responsibility as a teacher.

The activities of the Director of Extern/Internship Program are presented in the following summarization:

1. Number of communities in which participating pharmacies were visited... 106
2. Number of pharmacies visited..... 209
3. Number of preceptors/students registered in program..... 285/369
4. Number of preceptors/students involved as Medication Assistants in NCMH, Duke, and Mission Memorial Hospital..... 16/85

In addition, to further up-grade the quality of the practical training program, five regional meetings for preceptors and students were held. The theme of all meetings was directed basically toward a better understanding of the preceptor's role in establishing a program with significant and meaningful experiences for externs/interns of pharmacy.

Pursuant to knowledge gained during the visitations and regional meetings, recommendations were presented to further improve the program. These recommendations were considered by the Pharmacy Tripartite Committee which was actively engaged throughout the year in revising the NOTEBOOK AND PROGRAM INSTRUCTIONS of the North Carolina Board of Pharmacy Extern/Internship Programs.

Through action of the Tripartite Committee recognition was given to preceptor and student on the basis of excellence of the notebook prepared by the student registered in the program. Four preceptors and students were honored at the Annual Meeting of the North Carolina Pharmaceutical Association in Durham on April 18, 1971:

Quarter	*Preceptor*	*Extern/Intern*
1	J. D. Erwin	Joyce B. Long
2	Gerald M. Stahl	Daniel J. Yates
3	Fred M. Eckel	Judith K. Coan
4	Fred A. Holt	John G. Henriquez

The practical experience gained during the intervening summers between academic years continues to be a significant and vital phase of learning and development of all future practitioners of pharmacy. During the year, the trend to develop a more meaningful program has actively continued and it appears likely through efforts of the Board of Pharmacy, the Pharmaceutical Association and School of Pharmacy that this program is fast developing into one of the most significant in the country.

As Director of Extern/Internship Program I wish to express my gratitude to you as members of the Board of Pharmacy for the privilege you have given me of being associated with the Extern/Internship Program.

Respectfully submitted,
Claude U. Paoloni
Director
Extern/Internship Program

CUP:hcj

In Memoriam

PHARMACISTS WHO HAVE DIED DURING THE YEAR

Adams, Leron Dale—6-17-70 ..... Newton

Adams, Wilbur Royster—11-17-70 ..... Carolina Beach

Birmingham, Johnnie Steele—1-8-71 ..... Hamlet

Bland, James Addison—11-22-67

Blackmore, Noal Jackson—4-5-71 ..... Wilmington

Burrus, Samuel Brainard—9-14-70 ..... Canton

Cable, Maurice LeRoy—4-3-70 ..... Asheville

Clark, Claude Baxter, Jr.—5-30-70 ..... Williamston

Davis, Marvin Wightman, II—8-8-70 ..... Fair Bluff

Dixon, Walter Reginald—8-28-70 ..... Charlotte

House, Joseph—7-16-70 ..... Beaufort

Hudson, Gus William—6-24-70 ..... Elizabeth City

Jordan, Dillon Leroy—3-26-71 ..... Raleigh

Kirby, Guy Smith, Jr.—1-7-71 ..... Marion

Melvin, Marion Butler—8-29-70 ..... Raleigh

Meroney, Felix Porter—11-70 ..... Murphy

Murchison, Ernest Edwin—12-65 ..... Rocky Mount

Sawyer, Robert Brooks—1970 ..... Anderson, S. C.

Smith, Thomas Latham—11-8-64 ..... Plymouth

Smith, William Levy—11-19-70 ..... Charlottesville, Va.

Stone, Wilbert Lawrence—1-20-71 ..... Franklinton

Webb, Clyde Irwin—8-7-68 ..... Charlotte

REPORT ON AUDIT
OF
NORTH CAROLINA BOARD OF PHARMACY
CHAPEL HILL, N. C.

May 1, 1970 to April 30, 1971

BOARD MEMBERS

Harold V. Day	Spruce Pine
Jesses M. Pike	Concord
W. H. Randall	Lillington
David D. Claytor	Greensboro
Clarence E. Page, Jr.	Henderson

OFFICERS

Harold V. Day	President
Jesse M. Pike	Vice President
H. C. McAllister	Sec.-Treas.

To The Officers & Members of the
North Carolina Board of Pharmacy:

Gentlemen:

Pursuant to engagement, we have made an audit of the financial records of Mr. H. C. McAllister, Secretary-Treasurer of the North Carolina Board of Pharmacy, for the period from May 1, 1970 to April 30, 1971, and the attached statement of Cash Receipts & Disbursements presents a summary of Operations for the fiscal year.

All Receipts entered on the Cash Book were in agreement with duplicate receipts on file and were properly deposited in the bank. Disbursements for the fiscal year were made for apparently proper purposes and are supported by signed, paid checks, receipted bills, etc.

The Balance on Hand at April 30, 1971 consists of the following:

CASH IN BANKS:		
North Carolina Nat'l. Bank:		
Operating Account	$51,154.19	
Svgs. Accts. & Cert. of Deposit	34,000.00	
Central Carolina Bank & Tr. Co.:		
Savings Account	17,579.63	$102,733.82
INVESTMENT:		
U. S. Treasury Bond, 2½%, Due 12-15-72		1,000.00
TOTAL BALANCE APRIL 30, 1971		$103,733.82

The Cash In Banks was reconciled and verified. The Certificates of Deposit and the U. S. Treasury Bond, 2½%, of $1,000.00, were inspected.

The fidelity bond for the Secretary-Treasurer, in the amount of $5,000.00, has been continued to October 1, 1971. The fire insurance policy has been increased to $10,000.00, covering all contents of the offices, and expires Jan. 1, 1973.

The records are in a very satisfactory condition and no difficulty was experienced in the verification thereof.

In the course of the examination, all books, records and papers were placed at our disposal and every assistance rendered and courtesy extended that would facilitate our work.

Respectfully submitted,
Raymond L. Price
Certified Public Accountant

RLP:FMH

CASH RECEIPTS AND DISBURSEMENTS

May 1, 1970 to April 30, 1971

RECEIPTS

Pharmacist Renewal Licenses	$ 40,455.00
Asst. Pharmacist Renewal Licenses	170.00
Pharmacist Re-registration	460.00
Physician Original License	10.00
Physician Renewal Licenses	10.00
Examination Fees	4,115.00
Reciprocal Registration	2,100.00
Drug Store Permits: Original	3,600.00
Drug Store Permits: Renewal	30,025.00
Drug Store Re-registration	150.00
Sale of Poison Registers	347.30
Sale of Supplies	530.98
Sale of Annual Reports	45.00
Certificate Grades	23.00
Duplicate Certificates	25.00
Returned Checks Collected	261.55
Overpayments	60.00
Interest on Savings: C/D & Svgs. Acct.	2,304.02
TOTAL RECEIPTS	84,691.85
BALANCE MAY 1, 1970	104,631.88
TOTAL RECEIPTS & BALANCE	$189,323.73

DISBURSEMENTS

SALARIES:		
Secretary-Treasurer	$ 15,000.00	
Office Assistants	15,110.07	$ 30,110.07
OFFICE EXPENSE:		
Rent	1,800.00	
Telephone	682.74	
Supplies	977.87	
Postage & Box Rent	2,512.50	
Printing	2,219.86	
Equipt. Maint. & Xerox Rental	1,101.61	
Equipment: Audigraph Recorder	275.00	9,569.58
INSPECTION EXPENSE:		
Salaries	13,290.00	
Travel Expense	7,420.47	
Attorney Fees	4,159.80	24,870.27
BOARD MEETINGS:		
Per Diem $2,040.00, Expense $2,874.59	4,914.59	
Examination Material & Supplies	1,958.78	6,873.37
MISCELLANEOUS EXPENSE:		
Attending Meetings	1,792.97	
Lettering Certificates	445.50	
Life Insurance	212.70	
Social Security Taxes	1,901.76	

State Retirement	3,103.92	
Publishing Annual Report	1,264.24	
Audit	175.00	
Secretary's Expense	515.64	
Dues $150.00, Bond Premium $20.00	170.00	
Internship Program	4,179.00	
Refunds	135.00	
Safety Box Rent $10.00, Other $16.00	26.00	
State Withholding Taxes	(16.16)	
Returned Checks	261.55	14,166.62
TOTAL DISBURSEMENTS		85,589.91
BALANCE APRIL 30, 1971		103,733.82
TOTAL DISBURSEMENTS & BALANCE		$189,323.73

SUMMARY OF PHARMACIES REGISTERED

Total number of pharmacies in State			1214
Number classified as hospital pharmacies		146	
Number serviced by one pharmacist	37		
Number serviced by two pharmacists	13		
Number serviced by three pharmacists	8		
Number serviced by four or more pharmacists	9		
Number issued as "limited service" permits	79		
Number classified as nursing home pharmacies (limited service)	16		
Number classified as community pharmacies		1050	
Number serviced by one pharmacist, including part-time and assistant pharmacists	561		
Number serviced by two pharmacists, including part-time and assistant pharmacists	406		
Number serviced by three pharmacists	74		
Number serviced by four or more pharmacists	6		
Number serviced by permitted physicians	3		
Number classified as health department dispensaries	2		
Ownership of community pharmacies (hospitals and nursing homes excluded):		1050	
Stores owned solely by pharmacists and/or wife	630		
Stores owned by pharmacists and non-pharmacists (pharmacist over 50%)	65		
Stores owned by pharmacist and non-pharmacists (non-pharmacist over 50%)	67		
Stores owned by pharmacists and non-pharmacists (50%-50%)	66		
Stores owned solely by non-pharmacists	222		
Stores classified as chain (3 or more)—including above		213	
National	58		
Regional (2 or more states)	70		
Local	85		

SUMMARY OF PHARMACISTS ON THE ACTIVE ROSTER

	Under 30	30–39	40–49	50–59	60–64	65–70	Over 70	Total
A. Total number of pharmacists in good standing on roster	487	735	747	385	111	137	175	2777
B. Total number actively engaged in pharmaceutical pursuits (in State)	377	535	587	299	88	82	69	2037
1. In community practice	298	457	516	225	76	71	49	1722
a. As owners	7	59	102	73	27	19	16	303
b. As partners	33	156	236	88	16	26	17	572
c. As employees	258	242	178	94	33	26	16	847
2. In part-time community practice	4	16	8	2	2	7	17	56
3. In hospital pharmacy (civilain)	53	44	36	19	0	0	0	179
4. In hospital pharmacy V.A. (in State)	2	2	4	4	3	2	1	12
5. In wholesale and mfg. labs	3	5	3	4	0	1	0	16
6. As field rep. for mfg. and wh	1	5	7	7	3	0	0	23
7. Teaching (students) and govt	5	0	3	4	2	0	0	14
8. In misc. ph. pursuits	4	1	4	3	2	0	1	15
C. Total number who reside IN State and NOT engaged in ph. pursuits	24	33	21	10	5	39	91	223
1. Unemployed (at time of renewal)	1	2	0	3	1	0	0	7
2. Retired	0	0	0	2	3	37	89	131
3. Otherwise engaged	23	31	21	5	1	2	2	85
D. Number who reside OUT of State	64	163	137	74	18	16	15	487
E. Number serving with Armed Forces	22	4	2	2	0	0	0	30
F. Number in "B" who are women	71	49	43	11	1	1	0	176
G. Number in "A" who are women	100	99	74	23	2	3	5	306
H. Number of women who are not engaged in pharmacy pursuits (G minus F)	29	50	31	12	1	2	5	130

EDUCATIONAL QUALIFICATIONS OF PHARMACISTS ACCORDING TO AGE

	Under 30	30–39	40–49	50–59	60–64	65–70	Over 70	Total
Qualifications of Pharmacists in "B" (Summary)								
Non-graduates	0	0	0	11	18	10	28	67
Graduates of 2 year courses	0	0	0	1	5	42	30	78
Graduates of 3 year courses	0	0	0	19	54	22	11	97
Graduates of 4 year courses	31	496	581	268	20	8	0	1404
Graduates of 5 year courses	346	39	6	0	0	0	0	391
Total in "B"	377	535	587	299	88	82	69	2037
Qualifications of Pharmacists in "A" (Summary)								
Non-graduates	0	0	0	14	20	14	76	129
Graduates of 2 year courses	0	0	0	2	7	81	79	169
Graduates of 3 year courses	0	0	0	26	56	28	19	129
Graduates of 4 year courses	41	686	741	343	27	14	1	1853
Graduates of 5 year courses	446	49	6	0	1	0	0	502
Total in "A"	487	735	747	385	111	137	175	2777

List of Drug Stores

Revised May 1, 1971

The number preceding the name of the drug store indicates the permit number of that store. Addresses for each store are listed where given. Person listed immediately following drug store was certified as pharmacist in charge (or permitted physician) on the application for the renewal of the permit. "*" denotes drug store operated under physician's permit. "**" denotes "limited service" institutional permits.

ABERDEEN—Moore County

1. Bryan Drug Company, Inc.
122 W. Main St. (C. L. Guion)

2645. Craig Drug Co., Inc.
101 Sycamore St. (L. B. Craig)

2. McCrummen's Drug Store
111 W. South St. (D. C. McCrummen)

2522. Mann's Dependable Drug Store
Hwy. #1 (J. J. Miley)

AHOSKIE—Hertford County

1310. Boone's Professional Pharmacy
312 S. Acadmey St. (W. T. Boone)

2535. Capps-Daniels Drug Co., Inc.
418 Peacock St. (H. H. Daniels)

2534. Copeland Drug Co., Inc.
104 E. Main St. (R. M. Martin)

2527. Roanoke-Chowan Hospital Pharmacy**
Academy St. (C. D. Taylor)

ALBEMARLE—Stanly County

2602. Drug Centre, Inc.
121 N. First St. (W. W. Griggs, Jr.)

2278. Eckerd's Drugs
Quenby Village Mall
(J. R. Gore)

2397. Medical Pharmacy of Albemarle, Inc.
320 Yadkin St. (G. E. Harwood)

1152. Murrell's Pharmacy
167 N. Second St. (H. T. Murrell)

1930. Murrell's Pharmacy No. 2
825 N. Fourth St. (H. T. Murrell, Jr.)

2471. Phillips Drug Co.
111 N. Second St. (T. M. Yost)

2643. Purcell Drug of Albemarle
135 W. Main St. (J. B. Davis)

1674. Stanly County Hospital Pharmacy
N. Fourth St. (J. K. Stoots)

1802. Yadkin Pharmacy
123 Yadkin St. (F. A. Sinclair)

ANDREWS—Cherokee County

2659. Andrews Pharmacy
Main St. (J. B. Kennedy, Jr.)

1813. Burch Drug Store
Second St. (E. U. Burch)

2475. District Memorial Hospital of
Southwestern N. C., Inc.**
(E. U. Burch)

ANGIER—Harnett County

1327. McKnight's Drug Store
Main St. (A. L. McLean, Jr.)

841. Talton Drug Store
100 Depot St. (I. J. Pruett)

APEX—Wake County

2712. Apex Pharmacy
100 N. Salem St. (C. C. Bennett, Jr.)

2310. Medical Center Pharmacy
211 S. Salem St. (L. C. Dollar)

ARCHDALE—Randolph County

1163. Lowe's Pharmacy, Inc.
3220 S. Main St., High Point
(Bonnie H. Lowe)

ASHEBORO—Randolph County

2053. Asheboro Drug Co.
200 Foust St. (J. S. Duggins)

1415. CAR Drugs
1717 N. Fayetteville St. (C. A. Reaves)

2630. Eckerd Drugs
Northgate Shopping Center
(H. G. Hall)

1174. Fox Professional Drug Co., Inc.
1021 S. Fayetteville St. (J. H. Fox)

2699. Kearns Service Drug Store, Inc.
803 W. Salisbury St. (B. K. Mobley)

1580. Mann's Dependable Drug Store
341 N. Fayetteville St.
(L. H. Carter)

2218. Mann's Drug Store No. 2
Cox Ave. & H'way 64
(J. M. Prevo)

2587. Randolph Hospital Pharmacy**
373 N. Fayetteville St.
(Linda R. Tinkler)

2525. Reaves Walgreen Agency Drug Store
117-119 Sunset Ave. (T. V. Flood)

2557. Reveo Discount Drug Center
Hammer Village Shopping Center
(J. B. Tinkler)

ASHEVILLE—Buncombe County

2708. A-B Pharmacy
645 Biltmore Ave. (W. R. Farr)

1466. Adams Professional Pharmacy, Inc.
105 Doctors Bldg. (J. W. Adams)

64. Aiken's Pharmacy
14 Lodge St. (J. H. Aiken)

2444. American Institutional Pharmacy, Inc.**
Brentwood Rehabilitation Center
500 Beaverdam Rd. (Rita B. Shepherd)

2435. Appalachian Hall, Inc.**
Caledonia Rd. (E. L. Bishop, Jr.)

2500. Asheville Orthopedic Hospital Drug Room**
1 Rotary Drive (R. C. Sisk)

2345. Aston Park Hospital, Inc.**
289 Hilliard Ave. (J. W. Adams)

1911. B & B Pharmacy
462 Haywood Rd. (L. B. Brookshire)

2335. Barefoot & Tatum Drugs, Inc.
2 N. Pack Sq. (J. P. Goforth)

1427. Bennett's Drug Store
472 Haywood Rd. (R. F. Austraw)

1976. Burch Beverly Hills Drugs
948 Tunnel Rd. (V. G. Burch)

867. Charlotte Street Drug Co., Inc.
100 Charlotte St. (B. F. Klein)

2577. Chunns Cove Nursing Home Pharmacy**
Mountain Brook Road (G. M. Stamey)

1472. Eckerd's of Asheville, Inc.
1001 Patton Ave. (G. M. Stamey)

23. Eckerd Drugs, Inc.
31 Patton Ave. (S. B. Tate)

2236. Eckerd's Drugs
Tunnel Road Shopping Center
(D. D. Stamey)

1187. Eckerd's-Haywood, Inc.
21 Haywood St. (H. K. Garmany, Jr.)

2459. Highland Hospital**
49 Zillicoa St. (A. G. Kiser)

2749. Ideal Drug Store
733 Haywood Rd. (P. F. Crouch)

1506. Kenilworth Drug Store
489 Biltmore Ave. (J. C. McGee, Jr.)

1086. Lamore's Pharmacy
603 Tunnel Rd. (W. P. Lamore)

2174. Lord's Drug Store, Inc.
793 Merrimon Ave. (J. R. West)

882. Malvern Hills Drug Store
1478 Patton Ave. (W. T. Sisk)

1070. Memorial Mission Hospital Pharmacy
509 Biltmore Ave. (E. H. Knight)

1323. Merrimon Avenue Pharmacy
215 Merrimon Ave. (A. B. Chandley)

1089. Montford Pharmacy
231 Montford Ave. (A. G. Kiser)

1787. Northland Drug
946 Merrimon Ave.
(R. F. Coppedge, Jr.)

1201. Pack Square Pharmacy
16 N. Pack Sq. (L. P. Brookshire)

36. Pinner's Drug Store
619 Haywood Rd. (W. H. Kauffman)

1132. Saint Joseph's Hospital Pharmacy
428 Biltmore Ave.
(Virginia L. Callahan)

37. Salley's Drug Store
85 Patton Ave. (W. M. Salley, Jr.)

2150. Service Drugs of Asheville, Inc.
45 Brook St.
(T. M. Donnelly)

1462. Shigley's Grove Park Pharmacy
250 Charlotte St. (H. H. Shigley)

2671. White Cross Drugs
South Forest Shopping Center
(W. J. Swan)

2520. White Cross Stores, Inc. of Asheville
Westgate Shopping Center
(H. E. Hall)

AULANDER—Bertie County

2137. Aulander Pharmacy
Main St. (W. H. Todd)

AYDEN—Pitt County

1603. Edwards Pharmacy
203 S. Lee St. (S. McD. Edwards)

BAILEY—Nash County

2301. Bartlett Pharmacy
Main St. (J. B. Bartlett)

BAKERSVILLE—Mitchell County

2382. Bakersville Pharmacy
Main St. (J. B. Mason)

BANNER ELK—Avery County

2509. Banner Elk Pharmacy
(P. E. Branch)

2001. Charles A. Cannon, Jr.
Memorial Hospital Pharmacy**
(P. E. Branch)

BAT CAVE—Henderson County

2394. Valley Clinic and Hospital**
H'way 74 (J. D. Massey)

BAYBORO—Pamlico County

2070. Morris Drug Company (S. C. Morris)

BEAUFORT—Carteret County

2543. Bell's Drug Store
434 Front St. (R. L. Daughtry)

51. Guthrie-Jones Drug Co.
507 Front St. (C. H. Guthrie)

BELHAVEN—Beaufort County

54. O'Neal's Drug Store, Inc.
230 E. Main St. (W. P. O'Neal, Jr.)

2405. Pungo District Hospital Corporation**
Front St. (W. P. O'Neal, Jr.)

BELMONT—Gaston County

55. Belmont Drug Co.
9 Main St. (K. B. Spoon)

1500. Catawba Pharmacy
403 Catawba St. (L. J. Merritt)

2753. College Park Pharmacy
77 McAdenville Rd.
(W. W. Thrower, Jr.)

1647. Robinson's Drug Store, Inc.
16 Main St. (C. D. Croft)

1655. Watkins Pharmacy, Inc.
132 N. Main St. (W. A. James)

BENSON—Johnston County

2436. Benson Drug Co.
104 E. Main St. (C. L. Stevens)

60. Warren Drug Company
211 E. Main St. (F. E. Wells)

BESSEMER CITY—Gaston County

1896. Central Drug Store
112 W. Virginia Ave. (J. V. Putnam)

2396. Morris Drug Store
102 W. Virginia Ave. (W. W. Morris)

BETHEL—Pitt County

1823. Bethel Pharmacy, Inc.
(J. R. Bowers)

BEULAVILLE—Duplin County

1760. Bostic Drug Company, Inc.
(R. A. Bostic)

BISCOE—Montgomery County

2283. Biscoe Drug Store
Carthage Rd. (W. I. Jenkins, Jr.)

BLACK MOUNTAIN—Buncombe County

2121. Black Mountain Drug Company
101 W. State St. (S. B. Roberts)

1359. Key City Pharmacy
204 Sutton Ave. (R. C. Sisk)

1743. Knight's Pharmacy
116 W. State St. (J. A. Kluttz)

2125. Ward's W. N. C. Drug
W. N. C. Shopping Center
(F. A. Connelly)

2267. Western N. C. Sanatorium Pharmacy**
(J. A. Kluttz)

BLOWING ROCK—Watauga County

2277. Blowing Rock Hospital**
Chestnut Dr. (W. M. Shaheen)

2140. The Village Pharmacy
Main St. (W. M. Shaheen)

BOILING SPRINGS—Cleveland County

1096. Boiling Springs Drug Co., Inc.
(R. H. Beason)

2550. Royster Memorial Hospital, Inc.**
W. College Ave. (O. R. Moore)

BOONE—Watauga County

73. Boone Drug Company
113 E. King St. (W. R. Richardson)

1592. Carolina Pharmacy
231 E. King St. (J. P. Greene)

2501. Deerfield Pharmacy
One Doctors Lane (O. K. Richardson)

2216. King Street Pharmacy
E. King St. (J. C. Furman)

2734. SupeRx Drugs
Watauga Shopping Center
(H. Q. Gladden)

2353. Watauga County Hospital
Deerfield Rd. (T. G. Taylor)

BOONVILLE—Yadkin County

1991. Boonville Pharmacy
129 W. Main St. (D. C. Clark)

BREVARD—Transylvania County

2580. Brevard Pharmacy
2 W. Main St. (R. U. Whatley)

2098. Duvall Drugs, Inc.
Broad St. (C. J. Duvall)

1556. Morris Pharmacy, Inc.
Broad & Main Sts.
(E. M. Morris)

2473. Transylvania Community Hospital**
S. Broad St. (E. M. Morris)

1744. Varner's Drug Store, Inc.
Jordan & Broad Sts.
(Paul Owenby, Jr.)

BROADWAY—Lee County

1944. Broadway Drug Store
Main St. (G. W. Beale, Jr.)

BRYSON CITY—Swain County

80. Bryson City Drug Company
108 Everett St. (K. E. Bennett)

2420. Swain County Hospital, Inc.**
Drawer BB (J. E. Mills)

2692. Swain Drug Store
Everett St. (J. L. Mattox)

BUNN—Franklin County

83. Bunn Drug Company*
Main St. (W. F. Cole, M.D.)

BURGAW—Pender County

1198. Dees Drug Store, Inc.
111 Wright St. (R. R. Dees)

1030. Durham Drug Co.
Freemont St. (R. N. Sykes, Jr.)

2290. Pender Memorial Hospital, Inc.**
(R. R. Dees)

2736. Shady Haven Pharmacy**
H'way 117 Business, S. (R. E. Bishop)

BURLINGTON—Alamance County

1192. Alamance County Hospital Pharmacy
Graham-Hopedale Rd.
(R. L. Salter, Jr.)

2145. Alamance Drug Company
223 Maple Ave. (L. W. Matthews, III)

2361. Andrews Drug Company, Inc.
138 Maple Ave. (W. H. Jennings)

86. Asher-McAdams Drug Co.
305 Trollinger St. (J. W. McAdams)

1816. Barbour Drugs, Inc.
2213 Edgewood Ave.
(J. P. Barbour, Jr.)

87. Burlington Drug Co., Inc.
E. Front St. (R. L. Barbour)

89. Davis Street Pharmacy, Inc.
751 E. Davis St. (R. R. Woody)

2604. Eckerd Drugs
Holly Hill Mall Shopping Center
(Stephanie H. Graham)

1989. Eckerd's Drugs
Cum-Park Plaza Shopping Center
(W. L. Vanderburg)

2721. Edgewood Pharmacy, A.I.P., Inc.**
1719 Edgewood Ave.
(V. D. Weaver)

1407. Griffin's Pharmacy, Inc.
445 Chapel Hill Rd. (S. D. Griffin, Jr.)

2530. Medical Center Pharmacy, Inc.
274 Graham-Hopedale Rd.
(M. E. McCorkle)

2144. Medical Village Apothecary
1610 Vaughn Rd. (W. S. Gardner)

2258. Memorial Hospital of Alamance
County Pharmacy
730 Hermitage Rd. (W. K. Saunders)

94. Perry's Pharmacy
917 Rauhut St. (W. R. Perry)

1413. Sherard's Pharmacy
1253 Webb Ave. (G. S. Sherard)

2254. SupeRx Drugs
520 N. Church St. (J. G. White)

2654. SupeRx Drugs
1803 S. Church St. (K. L. Huffman)

1188. Thompson's Pharmacy
804 Rauhut St. (T. H. Thompson)

BURNSVILLE—Yancey County

2176. Banks Pharmacy
W. Main St. (E. B. Underwood)

1724. Pollard's Drug Store
W. Main St. (C. B. Gillespie, Jr.)

2385. Yancey Hospital**
(C. B. Gillespie, Jr.)

BUTNER—Granville County

2167. John Umstead Hospital Pharmacy
(J. T. Penland)

CANDLER—Buncombe County

2430. Valley Drug Store
H'way 19-23 (W. S. Ward)

CANDOR—Montgomery County

1732. B & B Drug Co.
Main St. (R. T. Giles)

CANTON—Haywood County

98. Champion Cut-Rate Drug Store, Inc.
147 Main St. (J. L. Ward, Jr.)

2340. Hendrix Drug Store
108 Main St. (J. B. Patton, Jr.)

100. Martin's Drug Store, Inc.
24 Park St. (B .M. Burrus)

1624. Midway Professional Pharmacy, Inc.
H'way 19-23. (K. F. Wells)

2705. Thrif-Tee Drug Discount
109 Main (J. L. Jones, Jr.)

CAROLINA BEACH—New Hanover County

2563. Carolina Beach Drug Co.
Harper Ave. & H'way 421
(N. H. Musselwhite, III)

CARRBORO—Orange County

1707. Senter's Drug Store
132 E. Main St. (F. C. Chamblee)

CARTHAGE—Moore County

104. Shields Drug Company, Inc.
Court House Sq. & Monroe St.
(S. B. Johnson)

CARY—Wake County

1490. Ashworth Rexall Drugs
105 W. Chatham St. (R. H. Ashworth)

2511. Kroger Family Center Pharmacy
Manard & Kildare Rd.
(F. L. Pechal)

1444. Mitchell's Pharmacy
120 E. Chatham St. (T. W. Mitchell)

CHADBOURN—Columbus County

107. Koonce Drug Co.
Chadbourn Shopping Center
(S. G. Koonce)

2556. Peal's Professional Pharmacy
105 Seventh Ave. (W. I. Peal, III)

CHAPEL HILL—Orange County

2714. Chapel Hill Pharmaceutical Center
Willow Dr. (E. L. Loudermilk)

1184. Colonial Drug Company
414 W. Franklin St. (J. H. Carswell)

2052. Courts Drug Company
123 W. Franklin St. (B. C. Courts)

2029. Eckerd's Drugs
Eastgate Shopping Center
(Linda L. Butler)

1516. Glen Lennox Pharmacy, Inc.
Glen Lennox Shopping Center
(G. W. Harris)

2432. Gravely Sanatorium**
(H. A. Yandle)

1218. N. C. Memorial Hospital Pharmacy
(F. M. Eckel)

994. Sloan Drug Company
101 E. Franklin St. (W. L. Sloan)

2055. Sutton's Drug Store, Inc.
159 E. Franklin St. (Elliott Brummitt)

972. Village Pharmacy, Inc.
318 W. Franklin St. (J. C. Fox, Jr.)

CHARLOTTE—Mecklenburg County

2594. American Institutional Pharmacy, Inc.**
300 Providence Rd.
(F. R. Charles)

977. Avondale Pharmacy
2410 Park Rd. (C. A. Norris)

1636. Benson's Rexall Drugs
1550 West Blvd. (L. M. Benson, Jr.)

1982. Benson Rexall Drugs
2717 South Blvd. (Sid Brennicke)

1796. Biddleville Pharmacy
1023 Beatties Ford Rd.
(Griffin Wakefield)

1722. Bizzell Drugs
2416 Freedom Dr. (J. W. Leonard)

116. Carolina Cut-Rate Drug Store, Inc.
225 W. Trade St. (F. E. Thomas)

117. Carolina Pharmacy
401 E. Trade St. (T. H. Lever)

2485. Charlotte Community Hospital
801 S. Graham St. (Jean F. Robinson)

2213. Charlotte Eye, Ear, and Throat Hospital
1600 E. Third St. (J. L. Danz)

119. Charlotte Memorial Hospital
1000 Blythe Blvd. (W. A. Rinehart)

2289. Charlotte Rehabilitation Hospital**
1610 Brunswick Ave. (E. B. Eadie)

1988. Dalebrook Pharmacy
2504 Beatties Ford Rd.
(W. T. Deavers)

1399. Derita Drug Co.
(G. B. Dimmick, Jr.)

1902. Eastway-Plaza Drugs
Eastway Dr. & The Plaza
(J. S. Thomas)

1315. Eckerd's Drugs
1025 Providence Rd. (S. M. Smith, Jr.)

121. Eckerd's Drugs
100 N. Tryon St. (Gertrude R. Dawson)

1155. Eckerd's Drugs, Inc.
1332 Central Ave. (R. D. Cooper)

1653. Eckerd's Drugs, Inc.
444 Charlottetown Mall
(R. E. Cover)

1886. Eckerd's Drugs
3045 Freedom Village Shopping Center
(H. C. Rice)

1452. Eckerd's Drugs
4133 Park Rd. (G. K. Bliss)

2087. Eckerd's Drugs
5925 Pineville Rd. (S. T. Thorne)

2181. Eckerd's Drugs
3740 E. Independence Blvd.
(Phyllis A. Hubbard)

2454. Eckerd's Drugs
4500 N. Tryon St. (E. M. Giffin)

2689. Eckerd Drugs
124 Southpark Shopping Center
(C. V. Christensen)

2273. Green Acres Pharmacy**
Route 10 (J. B. Balas)

124. Hardee's Pharmacy
2909 Selwyn Ave. (A. K. Hardee, Jr.)

1567. Harris Super Drugs
124 Sharon-Amity Rd. (D. L. Lemelin)

1736. Harris Super Drugs
1704 Central Ave. (R. L. Knox)

1772. Harris Super Drugs
5107 South Blvd. (J. H. Hickman)

1972. Harris Super Drugs
4716 Sharon Road (C. W. Rhoden, Jr.)

2662. Harris Super Drug #74
Independence Blvd. & Idlewild Rd.
(G. L. Smith)

2528. Hawthorne Nursing Center Pharmacy**
333 Hawthorne Lane (R. M. Geer)

2510. Hoskins Drug Company
4130 Rozzell's Ferry Rd.
(G. C. Russell)

2022. King Drug Co., Inc.
3106 Eastway Dr. (J. E. Oxendine)

1514. Kiser Drug Co., Inc.
3401 Belhaven Blvd. (Betsy S. Clinard)

2710. Mecklenburg County Mental Health Center**
501 Billingsley Rd.
(Carolyn B. Knott)

1139. Medical Pharmacy
1010 Kings Dr. (E. B. Eadie)

1069. Mercy Hospital Pharmacy
2000 E. Fifth St. (G. D. Colina)

2576. Myers Park Pharmacy, Inc.
1340 Romany Rd. (J. W. Gray, Jr.)

136. Niven Drug Co.
131 E. Park Ave. (M. D. Katzman)

1781. North Charlotte Pharmacy, Inc.
3201 N. Davidson St. (C. P. Copses)

137. Park Place Pharmacy
613 Providence Rd.
(J. B. Hunter)

1987. Park Road Drug Co.
3922 Park Rd. (R. L. Lewis)

2256. The Pharmaceutical Center
1850 E. Third St. (A. L. Artemes)

2049. Pike's Drug Store, Inc. of Charlotte
2044 N. Graham St. (E. L. Hansen)

2012. Plaza Hills Pharmacy, Inc.
2513 Plaza Rd. (Eldon McDaniel)

932. Presbyterian Hospital Pharmacy
200 Hawthorne Lane (J. H. Rosser)

2088. Providence Pharmacy
705 Sharon-Amity Rd. (T. D. Leonard)

2575. Reveo Discount Drug Center
Eastway Dr. & Plaza Rd.
(J. B. Edmunds)

2664. Reveo Discount Drug Center
South Blvd. & Woodlawn Rd.
(M. O. Williams)

1342. Shamrock Drug Store
3029 The Plaza (D. B. Robinson)

1971. Spoon's Pharmacy
5729 Hickory Grove Rd. (J. M. Spoon)

144. The Stanley Drug Stores, Inc.
1949 E. Seventh St. (H. M. Metts)

1847. Sterling Drug Store No. 2, Inc.
1501 Elizabeth Ave. (W. V. Proctor)

146. T. A. Walker, Inc.
332 N. Tryon St. (F. H. Cline)

1432. T. A. Walker, Inc.
Hawthorne Medical Center
227 Hawthorne Lane
(Lucille E. Horner)

2059. Wesley Nursing Center Pharmacy**
3700 Shamrock Dr. (A. E. Galloway)

1978. Westerly Hills Drug Co.
3408 Wilkinson Blvd. (S. A. Pappas)

1473. Westside Drug Center, Inc.
1910 Rozzells Ferry Rd. (J. W. Allen)

2663. White Cross Pharmacy
Amity Gardens Shopping Center
(R. W. Smith, Jr.)

2592. White Cross Pharmacy
5401-A Pineville Rd. (J. L. McNeely)

2614. White Cross Pharmacy
106 N. Tryon St. (R. A. Rittase)

2726. White Cross Drugs
5601 Wilkinson Blvd.
(C. L. Jarrett)

1919. Yorkmont Drug Co., Inc.
4812 York Rd. (R. M. Geer)

CHERRYVILLE—Gaston County

150. Allen Drug Co., Inc.
110 E. Main St. (H. H. Allen, Jr.)

151. Houser Drug Company, Inc.
100 E. Main St. (W. H. Houser)

2151. Medical Center Pharmacy of Cherryville, Inc.
Academy St. (W. E. Houser)

CHINA GROVE—Rowan County

2034. Brown Drug Company, Inc.
102 S. Main St. (H. L. Hauss)

1881. China Grove Drug Co.
112 S. Main St. (R. A. Kiser)

CLAREMONT—Catawba County

1824. Busbee's Pharmacy
First Ave. & E. Main St.
(J. A. Busbee)

CLARKTON—Bladen County

1386. Fowler Drug Store, Inc.
College St. (J. D. Fowler)

CLAYTON—Johnston County

155. Beddingfield's Drug Co., Inc.
325 E. Main St.
(C. H. Beddingfield, Jr.)

1977. Whitley-Bain Drug Co.
333 Main St. (D. A. McCormac)

CLEMMONS—Forsyth County

1752. Weatherwax Pharmacy, Inc.
Clemmons Center (F. G. Weatherwax)

CLIFFSIDE—Rutherford County

2715. Cliffside Pharmacy
(C. E. Jolley)

1685. Harris Drug Store
1 Main St. (L. C. Harris)

CLINTON—Sampson County

159. Butler's Pharmacy
204 Main St. (R. J. Darden)

1670. Gaddy Pharmacy
604 Beaman St. (C. H. Gaddy)

2610. Gaddy-Price Pharmacy
403 Fairview St. (S. S. Price)

1436. McLean Hospital Pharmacy
612 Beaman St. (G. W. McLean)

2440. Matthews Drug Store
111 Vance St. (J. S. Matthews)

2621. Matthews Drug Store No. 2
Jordan's Shopping Center
(Bonnie B. Matthews)

2338. Reynolds Drugs
209 W. Main St. (R. M. Herring)

2679. Sampson County Memorial Hospital Pharmacy**
607 Beaman St. (C. H. Gaddy)

CLYDE—Haywood County

1486. Clyde Pharmacy
Main St. (A. B. Lott)

COATS—Harnett County

1113. McKnight's Drug Store
Main St. (L. E. McKnight, Jr.)

COLUMBIA—Tyrrell County

2628. Columbia Memorial Hospital, Inc.**
Broad St. (J. P. David)

166. Tyrrell Drug Company
(J. P. David)

COLUMBUS—Polk County

1727. Columbus Pharmacy
Main St. (C. P. Meroney)

CONCORD—Cabarrus County

167. Airheart's Drug Store
15 Market St. (J. W. Airheart)

168. Cabarrus Drug Company
16 S. Union St. (C. D. Porter)

944. Cabarrus Memorial Hospital Pharmacy
H'way 29 (R. W. Hardy)

170. Gibson's, Inc.
1 S. Union St. (H. R. Stowe)

2358. Medical Center Pharmacy of Concord, Inc.
25 Lake Concord Rd. (P. R. Forrester)

1850. Park's Pharmacy, Inc.
Union Cemetery Rd. (P. E. Webster)

1335. Pike's Drug Store, Inc.
863 Church St., N. (J. M. Pike)

1681. Pike's South Union Drug Store, Inc.
746 Union St., S. (D. W. Beaver)

2341. Porter Drug Co.
8 Union St., S. (Ernest Porter, Jr.)

2253. SupeRx Drugs
140 Cloverleaf Shopping Center
(W. V. Bradley, Jr.)

2490. Twin Oaks Health Center, Inc.
47 Lake Concord Road, N. E.
(J. W. Pike, III)

173. Whitmore Drug Company
80 S. Union St. (H. E. Whitley)

CONOVER—Catawba County

175. Bowman Drug Co.
126 First Ave., S. (C. E. Bowman)

1753. Conover Drug Company, Inc.
203 First Ave., E. (B. L. Price)

2398. Duo Drug Store
Villa Park Shopping Center
(N. A. Thomas)

CONWAY—Northampton County

2327. Taylor Drug Co.
H'way 158 (J. G. Taylor)

COOLEEMEE—Davie County

178. Cooleemee Drug Company, Inc.
Cooleemee Shopping Center
(E. D. Hoyle)

CORNELIUS—Mecklenburg County

1623. Mid Way Pharmacy, Inc.
809 N. Main St. (H. D. Sharp)

CRAMERTON—Gaston County

2565. Cramerton Drug Co.
Eighth Ave. (J. C. Kiser)

CREEDMOOR—Granville County

1888. Creedmoor Drug Co., Inc.
Main St. (C. C. Wheeler)

CROSSNORE—Avery County

2644. Crossnore Drug Store
(J. R. Taylor)

2363. Garrett Memorial Hospital Pharmacy**
(R. B. Smith, Jr.)

CULLOWHEE—Jackson County

2419. Center Pharmacy
WCU Campus (H. A. Leigh)

DALLAS—Gaston County

2470. Nixon Drug Co., Inc.
136 W. Trade St.
(Amanda H. Nixon)

DANBURY—Stokes County

2474. Stokes-Reynolds Memorial Hospital Pharmacy**
(J. O. Hicks, Jr.)

DAVIDSON—Mecklenburg County

2160. Parks Rexall Drugs
131 N. Main St. (W. A. Parks)

DENTON—Davidson County

2238. Davidson Drug Store
N. Main St. (J. D. Lowe)

1920. Denton Drug Store
Main St. (W. L. Lamar)

DOBSON—Surry County

2611. Dobson Drug Store
Crutchfield St. (Viola R. Pardue)

2078. Ray's Pharmacy
Courthouse Sq. (R. G. Hagwood)

DREXEL—Burke County

1801. Crosby's Rexall Pharmacy
School & Main Sts. (W. L. Crosby)

DUBLIN—Bladen County

1865. Dublin Drug Co.
H'ways 87 & 410 (J. H. Freeman)

DUNN—Harnett County

2494. Betsy Johnson Memorial Hospital, Inc.**
Tilghman Dr. (L. W. Thomas)

2105. Butler & Carroll Drug Co., Inc.
129 E. Broad St. (W. W. Carroll)

2616. Eckerd Drugs
Dunn Plaza Shopping Center
(E. H. Jones, Jr.)

1593. Hospital Pharmacy, Inc.
200 N. Ellis Ave. (Rupert Cox)

1617. Lynch Pharmacy
1006 W. Cumberland St.
(H. W. Lynch)

1202. Thomas Drug Store
323 E. Broad St. (J. I. Thomas)

DURHAM—Durham County

1676. Al's Holloway Street Pharmacy
1026 Holloway St. (Alvin Bryant)

1526. Center Drug Store of Durham, Inc.
2844 Roxboro Rd. (J. M. Pickard)

213. Crabtree Pharmacy
2100 Angier Ave. (A. H. King)

2608. Croasdaile Pharmacy, Inc.
1821 Hillandale Rd. (J. E. Arena)

192. Don Booth Drug Company
2699 Chapel Hill Blvd. (G. D. Booth)

2735. Drug Lo Stores
639 Broad Street
(S. O. Brewer, Jr.)

197. Duke Hospital Pharmacy
Duke University (M. W. Scholaut)

1861. Durham Drug Co., Inc.
330 W. Main St. (W. P. Wells)

2638. Durham Rehabilitation Center Pharmacy**
3100 Erwin Rd. (G. M. Stahl)

2568. Eckerd's Drugs
Arlan's Plaza Shopping Center
(R. R. Lucas)

1815. Eckerd's Drugs
1116 Broad St. (LaVoice Howard)

199. Eckerd's Drugs
122 W. Main St. (V. A. Shore, Jr.)

2252. Eckerd's Drugs
2216 Roxboro Rd. (R. H. Inman)

1419. Eckerd's Drugs
1223 University Dr. (W. H. Burch)

200. Garrett's Biltmore Drug Store
332 E. Pettigrew St.
(Y. D. Garrett, Jr.)

2265. Hillcrest Convalescent Home, Inc.**
1417 W. Pettigrew St. (A. L. Hill, III)

1065. Kale Drug Co.
933 E. Main St. (R. G. Kale)

2570. Kerr Rexall Drugs
123 Wellons Village Shopping Center
(J. G. Smith, Jr.)

1759. Kerr Rexall Drugs
Chapel Hill Rd. (J. A. Landers)

1741. Kerr Rexall Drugs
Northgate Shopping Center
(A. L. Hill, III)

2713. Kerr Drugs
5112 Roxboro Rd.
(J. E. Upchurch)

1297. Lincoln Hospital Pharmacy
1301 Fayetteville St.
(Tai-Yee Kiang)

739. McDonald's Drug Store
732 Ninth St. (J. C. McDonald)

1236. McPherson Hospital Pharmacy
1110 W. Main St. (Ida N. Keetsock)

1620. Mangum Street Pharmacy, Inc.
806 N. Mangum St. (L. R. Sparks, Jr.)

2655. The Methodist Retirement Homes, Inc.**
2616 Erwin Rd. (D. A. Holloway)

1940. Parkwood Pharmacy, Inc.
Wendell Shopping Center
(C. H. Williams)

1291. Professional Pharmacy, Inc.
1200 Broad St. (H. L. Kelly)

1953. Rogers Drug Co.
202 Mangum St. (Shirley Paull)

2469. Triangle Nursing Home, Inc. Pharmacy**
Mt. Sinai Rd. (E. L. Lowdermilk)

210. Watts Hospital Pharmacy
Broad St. (G. M. Stahl)

2505. West Side Pharmacy, Inc.
1008 W. Chapel Hill St.
(J. C. Harris, Jr.)

2691. White Cross Drugs
213 W. Main St.
(J. R. White)

EAST BEND—Yadkin County

1897. Schlagel's Pharmacy
H'way 67 (A. P. Schlagel, Jr.)

EDEN—Rockingham County

2747. Boulevard Drug Co., Inc.
260 Boulevard St.
(G. R. Roberson)

1932. Carolina Drug Co.
101 W. Washington St.
(N. H. McCollum, Jr.)

2447. Chandler's Drug Co. #1, Inc.
641 Washington St. (R. G. Mitchell)

1921. Joe Chandler Pharmacist
400 Van Buren Rd. (J. W. Chandler)

2073. Mann's Dependable Drug Store
Green Meadow Shopping Center
(W. P. Shoemaker)

2075. Morehead Memorial Hospital Pharmacy
117 E. Kings Hwy. (R. J. Dever)

2746. Tri-City Pharmacy
544 Morgan Rd. (W. T. Walker)

2720. Village Pharmacy
709 S. Van Buren Rd.
(H. L. Matthews)

EDENTON—Chowan County

2636. Chowan Hospital, Inc. Pharmacy**
Virginia Rd. (J. G. Blount)

1464. Hollowell's Rexall Drugs
323 S. Broad St. (W. H. Hollowell, Jr.)

1476. Mitchener's Pharmacy
301 S. Broad St. (J. A. Mitchener, Jr.)

ELIZABETH CITY—Pasquotank County

1775. The Apothecary Shop
104 E. Main St. (E. F. Whaley)

2377. Colonial Drugs
H'way 17 North (W. D. Medlin)

2184. Dept. of Pharmacy-Albemarle Hospital, Inc.
N. Road St. (H. B. Umphlett, Jr.)

905. Jacocks Pharmacy, Inc.
215 S. Poindexter St. (A. W. Benthall)

219. Overman & Stevenson
512 E. Main St. (R. S. Bunn)

2499. Peoples Service Drug Stores, Inc.
1407 Southgate Mall (J. H. Garrett)

1422. Todds Pharmacy, Inc.
212-214 S. Poindexter St.
(C. L. Neal)

ELIZABETHTOWN—Bladen County

2624. Anderson Drug Store, Inc.
103 W. Broad St. (E. G. Anderson)

221. Bennett-Stone Pharmacy
W. Broad St. (B. F. Stone)

2678. Bladen County Hospital**
(E. G. Anderson)

1545. Smith's Pharmacy, Inc.
Broad St. (A. G. Smith)

ELKIN—Surry County

1663. Bridge Street Pharmacy, Inc.
817 N. Bridge St. (R. L. Swaim)

224. Elk Pharmacy, Inc.
115 E. Main St. (D. A. Irwin)

1873. Fisher's Pharmacy
109 W. Main St. (P. L. Fisher)

2507. Hugh Chatham Memorial Hospital Pharmacy**
230 Hawthorne Rd. (R. L. Swain)

225. Royall Drug Co., Inc.
128 W. Main St. (E. G. Royall, Jr.)

ELLERBE—Richmond County

2728. Ellerbe Pharmacy
Main St. (R. L. McCaskill)

ELM CITY—Wilson County

228. Elm City Pharmacy
E. Main St. (M. L. Davis)

ENFIELD—Halifax County

230. Beavans Drug Store
132 W. Whitfield St. (S. C. Beavans)

1795. Harrison Drug Company
109 Railroad St. (J. W. Hollingsworth)

231. Whitehead Drug Co.
120 Whitfield St.
(J. D. Whitehead, III)

ERWIN—Harnett County

2113. E. R. Thomas Drug Co., Inc.
103 East H. St. (Leonidas Jackson)

2458. Good Hope Hospital, Inc.**
East H. St. (B. W. Lanier)

FAIR BLUFF—Columbus County

1814. Elvington's Pharmacy
(P. L. Elvington, Jr.)

FAIRMONT—Robeson County

1952. Fairmont Drug Co., Inc.
Main & Center Sts. (H. E. Malion)

1026. Webster's Pharmacy, Inc.
214 S. Main St. (C. D. Webster)

FARMVILLE—Pitt County

1176. City Drug Company
103 S. Main St. (J. M. Wheless, Jr.)

2192. Kue's Pharmacy
S. Main St. (J. H. L. Kue)

FAYETTEVILLE—Cumberland County

1325. Bender's Rexall Drug Store
1226 Fort Bragg Rd.
(L. R. Lanier, Jr.)

1643. Cape Fear Drug Co., Inc.
2631 Raeford Rd. (D. A. Roberts)

1431. Cape Fear Valley Hospital Pharmacy
Owen Dr. (G. L. O'Briant, Jr.)

2667. Eckerd Drugs
Bragg Blvd. (J. C. Newton)

2625. Eckerd Drugs
2800 Raeford Rd. (E. S. Martin)

1862. Fayetteville Drug Co.
114 Gillespie St. (B. C. Brooks)

1618. Fayetteville Drug Co. #2
Bordeaux Shopping Center
(A. W. Clelland)

2532. Highsmith-Rainey Memorial Hospital Pharmacy**
107 Bradford Ave. (H. R. Horne)

247. H. R. Horne & Sons
124 Hay St. (H. R. Horne)

1600. MacKethan & Company
102 Person St. (H. P. Underwood, Jr.)

1958. Market Square Drug Company
101 Hay St. (Christine M. Dutton)

1209. Markham Drug Co.
114 W. Rowan St. (G. O. Markham)

1602. Massey Hill Drug Co., Inc.
1061 Southern Ave. (L. C. Tomlinson)

249. Matthews Pharmacy
451 Hay St. (R. V. McBryde)

2685. Medical Arts Pharmacy
907 Hay Street (W. C. Sharpe)

1702. Prescription Center
915 Hay St. (J. G. Newton)

2006. Professional Drug Co.
1637 Owen Dr. (W. G. Thames)

982. Reaves Drug Store, Inc.
2706 Bragg Blvd. (L. E. Reaves, Jr.)

1925. Reaves Rexall Drugs
216 Tallywood Shopping Center
(T. B. Reaves)

2297. Treasure City Pharmacy
3611 Ramsey St. (A. H. Smith)

2650. White Cross Pharmacy
3442 Bragg Blvd. (J. A. Logan)

2661. White Cross Pharmacy
201 Hay St. (G. W. Bender)

2561. Williams' Drug Store
502 Hillsboro St. (N. M. Parker)

FLETCHER—Henderson County

912. Fletcher Pharmacy, Inc.
Asheville H'way (Q. H. Beck)

1301. Mountain Sanitarium and Hospital Pharmacy
Howard Gap Road (M. L. Brown)

FONTANA VILLAGE—Graham County

1324. Fontana Drug Store
(Paul Spirko)

FOREST CITY—Rutherford County

1398. Forest City Pharmacy, Inc.
111 S. Powell St. (W. L. Cowan)

1457. Smith's Drug, Inc.
227 E. Main St. (M. L. Higdon)

FOUR OAKS—Johnston County

1158. Austin's Drug Store
Main St. (L. C. Carter)

257. Four Oaks Drug Company
E. Main St. (M. S. Canaday)

FRANKLIN—Macon County

2431. Angel Community Hospital Pharmacy**
White Oak & Riverview Sts.
(J. C. Mason)

258. Angel's Drug Store
1-2 Main St. (E. W. King)

2211. Carolina Pharmacy
Riverview St. (J. C. Mason)

1402. Perry's Drug Store
9 Main St. (V. H. Perry)

FRANKLINTON—Franklin County

2481. Corner Drug Store, Inc.
2 S. Main St. (W. L. Johnson, Jr.)

2067. Henderson's Pharmacy, Inc.
N. Main St. (B. W. Honeycutt)

FREMONT—Wayne County

1042. Fremont Pharmacy
E. Main St. (J. S. Stewart)

FUQUAY-VARINA—Wake County

262. Elliott's Pharmacy, Inc.
202 S. Main St. (A. G. Elliott, Jr.)

2425. Johnson's Drug Store
146 S. Main St. (C. E. Adams)

1701. Smith Pharmacy
Crumpler Shopping Center
(J. H. Smith, Jr.)

2023. Varina Pharmacy
226 Broad St. (A. S. Clay)

GARLAND—Sampson County

1079. Garland Drug Company
Railroad St. (H. C. Rich)

GARNER—Wake County

2700. Britt's Pharmacy
111 W. Main St. (G. H. Britt)

1650. Forest Hills Pharmacy, Inc.
Aversboro Rd. (W. L. Lloyd)

2620. Kerr Drugs
505 Plaza Cir. (J. S. Jackson)

GASTONIA—Gaston County

1831. Akers Center Pharmacy
1425 Wilkinson Blvd. (W. G. Forrest)

1532. Brown-Medlin Drug Store, Inc.
1514 S. York Rd. (W. E. Medlin)

1085. Caldwell Drug Store, Inc.
207 S. Chestnut St. (J. U. Ameen)

2730. Drug Lo Stores
1402 W. Franklin St. (B. M. Bell)

2007. Eckerd's Drugs
Akers Shopping Center
(B. S. Lamm)

2180. Eckerd's Drugs
Dixie Village Shopping Center
(T. L. Rogers)

2609. Eckerd Drugs
1117 S. York St. (L. D. Snead)

1191. Gaston Memorial Hospital Pharmacy
401 N. Highland Ave. (W. S. Farrior)

2683. Harris Super Drug #79
Gaston Mall—Cox Rd.
(L. B. Julian)

270. Kennedy's, Inc.
213 W. Main St. (C. W. Hite, Jr.)

268. Moss Rexall Drugs
701 W. Franklin Ave. (F. M. Moss)

2264. Prescription Center Pharmacy, Inc.
301 N. Highland St.
(R. S. McKinley)

2588. Revco Discount Drug Center
206 New Hope Rd. (E. G. Williams)

1405. Rhyne's Drug Store, Inc.
2501 Lowell Rd. (J. P. Friday)

2228. Smith's Drugs
121 W. Main Ave. (R. E. Craft)

1157. Square Pharmacy
253 W. Page Ave. (N. A. Smith)

GIBSON—Scotland County

1244. Gibson Drug Co.
Main St. (Evelyn S. Hunsucker)

GIBSONVILLE—Guilford County

1848. Gibsonville Drug Co., Inc.
119 Main St. (D. T. Hix)

GLEN ALPINE—Burke County

276. Clinic Drug Store
(H. F. Bobbitt)

GLEN RAVEN—Alamance County

2206. Glen Raven Drug, Inc.
(E. S. Setzer, Jr.)

GOLDSBORO—Wayne County

1694. Ash Street Pharmacy
814 E. Ash St. (G. P. Thornton)

2656. Cherry Hospital Pharmacy
(J. C. Baker)

2504. Eckerd's Drugs
Wayne Plaza Shopping Center
(R. E. Baxley)

2622. Gibson's Drug Store
216 E. Ash St. (K. L. Wiggins)

280. Goldsboro Drug Co., Inc.
101 N. Center St. (B. R. Ward)

281. Jackson Drug Co.
400 S. James St. (Osceola Jackson, Jr.)

1482. Kerr Drugs
1701 E. Ash St. (R. W. Edwards, Jr.)

2676. Oak Manor Pharmacy**
Route 4 (J. C. Baker)

2448. Raper Drugs
134-138 W. Walnut St. (F. E. Raper)

283. Robinson's Drug Store
147 S. Center St. (T. R. Robinson, Jr.)

1915. Wayne County Memorial Hospital Pharmacy
809 E. Ash St. (C. T. Gibson)

2595. White Cross Pharmacy
105 S. Center St. (K. E. Moore)

2660. White Cross Pharmacy
Eastgate Shopping Center
(W. A. Clodfelter, Jr.)

GRAHAM—Alamance County

1392. Graham Drug Store
142 N. Main St. (R. L. Hargis)

2183. South Court Drug Co., Inc.
208 S. Main St. (K. B. Jenks)

1810. Tar Heel Rexall Drugs
333 W. Harden St. (G. J. Dillard)

1968. Wrike Drug Co., Inc.
108 N. Main St. (L. B. McAllister)

GRANITE QUARRY—Rowan County

1322. Granite Drug Co., Inc.
E. Bank St. & Salisbury Ave.
(C. H. Sanders)

GREENSBORO—Guilford County

2048. Bessemer Pharmacy, Inc.
2307 E. Bessemer Ave.
(D. P. Franzen)

1937. Best Drug Store
1104 Asheboro St. (J. H. Best)

1521. Brown-Gardiner Drug Co., Inc.
2101 N. Elm St. (W. C. Brown)

1907. Buchanan Drug Store
2908-A Liberty Rd. (E. W. Buchanan)

2179. Coliseum Home Drug Store, Inc.
1912 Valley Park Dr. (R. H. L. Smith)

1242. The Moses H. Cone Memorial Hospital Pharmacy
1200 N. Elm St. (J. H. Upton)

2380. Crutchfield-Browning Drug Store, Inc.
2166 Lawndale Dr.
(B. F. Collins, Jr.)

1494. Eckerd's Drugs
635 Friendly Road Shopping Center
(J. A. Altschul)

1671. Eckerd's Drugs
Northeast Shopping Center
(W. C. Doggett)

2415. Eckerd's Drugs
Spring Valley Shopping Center
(B. E. Cook)

1630. Edmonds Friendly Road Drug, Inc.
5603 Friendly Rd.
(G. H. Edmonds)

1868. Edmonds Plaza Drug, Inc.
1726 Battleground Ave.
(T. M. Lowder, Jr.)

2251. Edmonds Southgate Drug
2021 Asheboro St. (J. H. King)

1110. Edmonds Summit Center Drug, Inc.
952 Summit Ave. (H. O. Beck, Jr.)

2237. Egbert's Pharmacy
110 E. Northwood St. (J. M. Egbert)

816. Elm Street Pharmacy, Inc.
376 N. Elm St. (D. F. McCormick)

2558. Fairview Pharmacy
1227 Fourth St. (C. C. Graham)

2596. Fordham Drug Co., Inc.
514 S. Elm St. (Arnold Cherson)

897. Franklin's #1
948 Walker Ave. (A. H. Mebane, III)

1300. Franklin Drug Stores, Inc. #2
2140 Lawndale Dr. (R. H. Shearin)

1504. Franklin Drug Stores, Inc. #3
4611 High Point Rd. (F. H. Langdon)

1579. Franklin Drug Stores, Inc. #4
3111 E. Bessemer Ave.
(K. N. Fulbright)

1859. Franklin Drug Stores, Inc. #5
1457 E. Cone Blvd. (W. H. Fuller, Jr.)

2153. Franklin's Drug Store No. 6
2112 Walker Ave. (R. W. Foster)

2221. Franklin Drug Store, Inc. #7
2317 Randleman Rd. (J. M. Owen)

1742. Gate City Pharmacy, Inc.
357 N. Elm St. (J. A. Ranzenhofer)

2378. Gate City Pharmacy at Friendly, Inc.
Friendly Shopping Center
(G. R. Buchanan)

1762. Guilford College Drug Company
5707 Friendly Rd. (W. C. Hoffman)

2381. Guilford County Health Department
300 E. Northwood St.
(V. H. Richardson)

1138. Guilford Drug Company, Inc.
102½ S. Elm St. (W. S. Stang)

1877. Hotel Pharmacy
235 N. Elm St. (J. C. Coble)

2219. Kinard Battleground Drug, Inc.
2614 Battleground Rd.
(E. R. Kinard, Jr.)

1798. Lane Rexall Drugs
2254 Golden Gate Shopping Center
(R. L. Lane)

1343. Lane Rexall Drugs
123 N. Elm St. (David Stang)

1768. McFalls Hillsdale Park Drug Co.
2901 High Point Rd. (W. S. Dukes)

1181. McFalls Sunset Drug Co.
1610 W. Friendly Ave.
(S. W. McFalls)

1417. Medical Center Pharmacy
408 E. Wendover Ave. (D. D. Claytor)

540. Merritt Drive Drug Store
806 Merritt Dr. (O. W. McFalls)

2642. Pickard Pharmacy, Inc.
3410 Freeman Mill Rd.
(J. T. Grose)

2652. Reveo Discount Drug Center
3717 High Point Rd. (H. K. Williams)

2259. L. Richardson Memorial Hospital Pharmacy
2401 Southside Blvd. (S. A. James)

1246. Sampson's Pharmacy
107 N. Murrow Blvd. (R. R. Sampson)

2205. The Wesley Long Community Hospital, Inc.**
501 N. Elam Ave. (J. N. Eubanks)

2521. White Cross Pharmacy
227 C S. Elm St. (R. H. Leavelle, Jr.)

2613. White Cross Pharmacy
Kings Shopping Center
(Alice O. Dean)

2606. White Oak Drug Co.
3212 Summit Ave. (D. D. Underwood)

2280. Woodmere Pharmacy
2100 Phillips Ave. (D. C. Dowdy)

GREENVILLE—Pitt County

1304. Beddingfield Pharmacy
Five Points & Seventh St.
(B. B. Beddingfield)

2518. Big Value Discount Drugs
2800 E. 10th St. (Jack Tyler)

1857. Biggs Drug Store
300 Evans St. (J. W. S. Biggs)

2201. Eckerd's Drug
Pitt Plaza Shopping Center
(C. W. Carter)

838. Hollowell's Drug Store, Inc.
911 Dickinson Ave. (W. C. Hollowell)

2291. Hollowell's Drug Store, Inc. #2
Sixth & Memorial Sts.
(D. R. Lewis)

2573. Pavilion Pharmacy
1800 W. Fifth St. (Anne H. Harris)

2331. Pitt County Memorial Hospital, Inc., Pharmacy
W. Fifth St. (J. B. Stallings)

GRIFTON—Pitt County

2542. Grifton Pharmacy, Inc.
207 Queen St. (A. T. Tennille, Jr.)

1595. H & H Drug Co.
313 Queen St. (J. H. House, Jr.)

GROVER—Cleveland County

2591. Medi-Fare Drug Center, Inc.
Laurel Ave. (Q. H. McCoy)

HAMLET—Richmond County

2506. Birmingham Drug Co., Inc.
27 Main St. (W. P. Horne, Jr.)

2476. Hamlet Hospital and Training School for Nurses, Inc., Pharmacy**
Rice & Vance Streets (T. E. Smart)

2227. Mabry's Drug Store
41 Main St. (T. E. Smart)

2270. Raleigh Street Pharmacy, Inc.
120 Raleigh St. (J. R. Clarkin, Jr.)

HAVELOCK—Craven County

1761. Bob Clark's Pharmacy, Inc.
Traders Shopping Center
(W. F. Gaskins, Jr.)

HAW RIVER—Alamance County

1960. Haw River Drug, Inc.
Route #1 (R. A. Coleman)

HAYESVILLE—Clay County

1923. Ray's Pharmacy
3 Church St. (W. R. Rogers)

HAZELWOOD—Haywood County

1015. Hazelwood Pharmacy
102 Main St. (R. F. Keenum)

2409. Russwood Drugs, Inc.
801 Balsam Rd. (D. R. Leatherwood)

HENDERSON—Vance County

2286. Douglas Drug Store
120 Horner St. (G. L. Hill)

2626. Eckerd Drugs
Henderson Mall Shopping Center
(C. V. Hamrick)

1735. Henderson Drug Co., Inc.
Chestnut & Horner Sts. (W. H. Mast)

2308. Henderson Drug Co. #2, Inc.
416 Dabney Dr. (C. M. Barnett)

2492. Marie Parham Hospital Association, Inc.**
Ruin Creek Rd. (C. M. Barnett)

2741. The Medical Arts Pharmacy
Vance Medical Arts Building
(C. C. White)

332. Page Drug Co., Inc.
226 Garnett St. (C. E. Page, Jr.)

333. Parker's Drug Store
208 Garnett St. (W. W. Parker, Jr.)

2204. Southside Drug Co., Inc.
1046 S. William St. (M. E. Hedgepeth)

2658. White Cross Pharmacy
122 Garnett St. (B. B. Gee)

337. Woolard's
130 S. Garrett St.
(Frank Barnett, Jr.)

1365. Woolard's No. 2
116 Raleigh Rd. (Jimmie Barnett)

HENDERSONVILLE—Henderson County

1033. Beck Bros. Pharmacy
231 N. Main St. (A. L. Beck, Jr.)

1594. Economy Drug Store
605 Fifth Ave., W. (R. C. Wilson)

1806. Freeze Northgate Pharmacy
1322 Asheville H'way
(Wiltshire Griffith, Jr.)

1733. Jackson Pharmacy, Inc.
147 Fourth Ave., W.
(E. L. Feagin, Jr.)

1509. Justus Pharmacy
303 N. Main St. (W. C. Beck)

1309. Margaret R. Pardee Memorial Hospital Pharmacy
715 Fleming St. (J. H. Ward)

1964. Rose Pharmacy, Inc.
351 N. Main St. (W. L. Harper)

2194. Southcenter Pharmacy, Inc.
Southcenter Plaza (W. N. Ponder)

2631. Whitley Drugs, Inc.
607 Greenville H'way (L. G. Baber)

343. Wilson Pharmacy, Inc.
330 Seventh Ave., E. (B. A. Williams)

HENRIETTA—Rutherford County

2742. Tri-Community Drugs
(J. W. Goforth)

HERTFORD—Perquimans County

2502. Harmon's Pharmacy
(J. E. Sparks)

HICKORY—Catawba County

2370. Catawba Memorial Hospital Pharmacy
Fairgrove Church Rd. (P. H. White)

2489. Eckerd's Drugs
Catawba Mall Shopping Center
(L. S. Sullivan)

2330. Hickory Memorial Hospital**
219 N. Center St. (W. N. Anderson)

1880. Highland Drug Store, Inc.
964 Sixteenth St., N.E.
(D. L. Chronister)

2453. King's Drugs
1024 Second St., N.E. (G. A. King)

2392. Longview Pharmacy
3333 First Ave., S.W. (G. A. Page)

2352. Lutheran Home Pharmacy**
1265 Twenty-first St., N.E.
(Joanne McDonald)

2187. Mann's Dependable Drug Store
Midland Shopping Center
(W. R. Long)

2723. Mann's Dependable Drug Store
Springs Rd. (L. G. Rice)

1284. Medical Center Pharmacy, Inc.
124 N. Center St. (F. B. Fitzgerald)

2551. Ninth Avenue Pharmacy, Inc.
15 Second Street Place, S.W.
(T. L. Richards)

2487. Phil's Pharmacy
213 First Avenue, S.E.
(E. F. Swann, Jr.)

2344. Richard Baker Hospital, Inc.**
420 N. Center St. (T. L. Richards)

2717. Shook Drug Co.
1809 First Ave., S.W.
(Eulan Shook, Jr.)

2443. Simmons Pharmacy, Inc.
1217 Second St., N.E. (F. J. Simmons)

2357. Smith's Drugs of Hickory
242 Union Sq. (Z. S. Lawhon)

2748. Springs Road Pharmacy, Inc.
2400 Springs Rd. (R. G. Sigmon)

2279. SupeRx Drugs
571 US 64-70 H'way (J. P. Rice)

2548. Viewmont Pharmacy
53 Thirteenth Ave., N.E.
(W. R. McDonald, III)

HIGHLANDS—Macon County

2482. Blue Ridge Pharmacy
Main St. (Marilyn R. Still)

2368. Highlands-Cashiers Hospital, Inc.**
Fifth St. (Marilyn R. Still)

351. Highlands Rexall Drugs
216 S. Fourth St. (C. E. Mitchell)

HIGH POINT—Guilford County

1714. Anderson Drug Store #2
2401 English St. (L. A. Warren, Jr.)

1469. Anderson's West End Drug Store
1550 English St. (E. R. Anderson, Jr.)

2386. Arthur's Pharmacy
1248 S. Main St. (J. F. Bland)

1807. Calhoun Drug Store, Inc.
1231 Montlieu Ave. (R. M. Calhoun)

853. Cecil's Drug Store
121 N. Main St. (Irving Tilles)

357. Eckerd's Drugs
Southgate Shopping Center
(H. P. Brown)

1654. Eckerd's Drugs
College Village Shopping Center
(H. T. Bradsher)

2668. Eckerd Drugs
Westchester Dr. & Burton St.
(J. N. Stamps)

2030. High Point Memorial Hospital Pharmacy
225 Boulevard (K. W. Burlson)

2274. Hoffman Drugs
1001 E. Green St. (J. A. Elder)

2729. Leonard's Drug Store
117 W. Lexington Ave.
(H. B. Leonard, Jr.)

365. McLarty Drug Co.
128 Church St. (G. C. McLarty, Jr.)

363. Mann's Dependable Drug Store #1
104 N. Main St. (J. C. Southern)

364. Mann's Dependable Drug Store #2
660 N. Main St. (R. D. Callicutt)

1409. Mann's Dependable Drug Store #3
800 S. Main St. (Ernestine B. Wilkes)

1535. Mann's Dependable Drug Store #4
1910 N. Main St. (D. A. Dowdy, Jr.)

1941. Mann's Dependable Drug Store #5
912 E. Green St. (R. E. Young)

2116. Mann's Dependable Drug Store #6
Fairfield Shopping Center
(J. L. Davis)

2640. Mann's Westchester Drug Store, Inc.
Westchester Dr. (L. E. Tomlinson)

2272. The Presbyterian Home, Inc. Pharmacy**
201 Greensboro Rd. (J. H. Oliver, Jr.)

366. Ring-Harris Pharmacy, Inc.
122 N. Main St. (W. B. Harris)

2524. SupeRx Drugs
141 Greensboro Rd. (J. W. Woodard)

368. Washington Street Pharmacy
731 E. Washington St. (H. H. LeMon)

HILDEBRAN—Burke County

1210. Brandon's Pharmacy
H'way 70 (L. R. Brandon)

HILLSBOROUGH—Orange County

920. Corner Drug Store
(B. B. Forrest)

1511. James Pharmacy
109 N. Churton St. (A. A. Lloyd)

HOPE MILLS—Cumberland County

859. Clinic Pharmacy
200 S. Main St. (R. P. Harris)

HUDSON—Caldwell County

1832. Hudson Drug Co., Inc.
Main St. (W. M. Lovelace, Jr.)

HUNTERSVILLE—Mecklenburg County

2266. Huntersville Hospital Pharmacy**
H'way 115 (J. W. Neil)

1382. Neil Drug Co.
(J. W. Neil)

INDIAN TRAIL—Union County

2670. Indian Trail Pharmacy
Maud St. (C. R. Stine)

JACKSONVILLE—Onslow County

2200. College Street Pharmacy, Inc.
613 College St. (W. J. Harper)

2585. Gibson Pharmacy
Bell Fork Rd. (T. H. Jones)

1729. Howard Drug Co., Inc.
705 New Bridge St. (P. H. McKenzie)

2033. Johnson Drug Co., Inc.
216 Old Bridge St. (Joseph Zambito)

2032. Johnson Drug Co., Inc. Store No. 2
714 New Bridge St. (C. L. Shields)

2540. W. L. Ketchum Drug Co.
632 Court St. (R. E. Bishop)

1221. New River Pharmacy, Inc.
261 New River Drive (F. B. Parker)

2445. Onslow Memorial Hospital, Inc.**
College & Warwick Sts.
(A. P. Rachide)

2028. Whaley Drug Company, Inc.
344 Henderson Dr. (G. F. Herring)

JAMESTOWN—Guilford County

1098. Jamestown Drug Store
N. Main St. (J. E. Tilley)

JEFFERSON—Ashe County

2687. Ashe Memorial Hospital, Inc.**
Hospital Rd. (J. P. Sheets)

2480. Jefferson Drug
U.S. 221 (J. P. Sheets)

JONESVILLE—Yadkin County

2083. Jonesville Drugs, Inc.
Jonesville Shopping Center
(R. H. Barrett, II)

KANNAPOLIS—Cabarrus County

1581. Baxter's Drug Store, Inc.
903 S. Main St. (D. H. Oxendine)

1619. Eastwood Pharmacy, Inc.
S. Cannon Blvd. (C. L. Swearngan)

2062. Eckerd's Drugs
Route 29 (L. M. Gilmore)

1962. Jackson Park Pharmacy
618 N. Cannon Blvd. (J. N. Reese)

2539. Kannapolis Drug Company, Inc.
128 S. Main St. (L. W. Smith)

1060. Lewis Drug Co., Inc.
149 West Ave. (W. C. Lewis)

2752. Martin Drug Co. of Kannapolis, Inc.
1113 N. Main St. (H. F. Rickard)

2523. Pike's Drug Center, Inc.
605 S. Cannon Blvd.
(J. N. Pharr)

2651. Revco Discount Drug Center
908 S. Cannon Blvd.
(B. B. DeCaron)

384. F. L. Smith Drug Company, Inc.
148 S. Main St. (W. F. Hutchison)

KENANSVILLE—Duplin County

2593. Duplin General Hospital Pharmacy**
(W. J. Weatherly, III)

1262. Kenansville Drug Store
Main St. (J. E. Hatcher)

KENLY—Johnston County

2597. Davis Drug Co.
Second St. (J. C. Davis)

1985. Kenly Drug Company
Second & Railroad Sts. (A. C. Boyd)

KERNERSVILLE—Forsyth County

2057. Pinnix Drug Store
101 S. Main St. (J. L. Pinnix)

2701. Stonestreet Drug Co., Inc.
Hwy. 66—Bunker Hill Rd.
(D. H. Stonestreet)

2702. Tri-City Pharmacy, Inc.
110 S. Main St. (H. F. Pulliam)

KING—Stokes County

1706. King Drug Company
Main St. (R. B. Stone)

2239. Stokes Pharmacy, Inc.
(O. O. Grabs, Jr.)

KINGS MOUNTAIN—Cleveland County

1981. Griffin Drug Company
129 Mountain St. (E. W. Griffin, Jr.)

392. Kings Mountain Drug Co.
209 S. Battleground Ave.
(C. D. Blanton, Jr.)

2342. Kings Mountain Hospital Pharmacy**
W. King St. (R. R. Harper, Jr.)

1357. Medical Pharmacy, Inc.
231 Battleground Rd.
(L. W. London, Jr.)

2579. Mountaineer Pharmacy, Inc.
410 W. Mountain St. (C. V. Wiesner)

KINSTON—Lenoir County

394. College Street Pharmacy
1009 College St. (E. L. Bradshaw)

2295. Eckerd's Drugs
Kinston Plaza Shopping Center
(L. M. Lassiter, Jr.)

2581. Eckerd Drugs
Vernon Park Mall Shopping Center
(J. E. Sutton)

2572. Hood's Prescription Shop
405 Glenwood Ave. (India B. Hood)

2571. Hood's Rexall Drugs
110 E. Gordon St. (J. C. Hood, Jr.)

2438. Kinston Clinic Pharmacy
400 Glenwood Ave. (Alden Hobbs)

2122. Leatherwood's Pharmacy
121 E. Gordon St. (J. R. Leatherwood)

1095. Lenoir Drug Co.
129 S. Queen St. (E. C. Buchanan)

2491. Lenoir Memorial Hospital, Inc.
Rhodes Ave. & College St.
(E. L. Bradshaw, Jr.)

1853. Paderick's Pharmacy, Inc.
N. McLewin St. (H. C. Paderick)

2407. Parrott Hospital Pharmacy**
801 E. Gordon St.
(Burwell Temple, Jr.)

2063. Queen Street Medical Center Pharmacy
915 N. Queen St. (W. P. Johnson)

398. Standard Drug Co. #1
216 N. Queen St. (R. I. Cohen)

399. Standard Drug Co. #2
Queen & Caswell Sts. (J. M. Basart)

2455. White Cross Pharmacy
304 N. Queen Street
(Burwell Temple, Jr.)

LA GRANGE—Lenoir County

1265. La Grange Pharmacy
123 W. Railroad St. (R. L. Dewar)

LANDIS—Rowan County

2163. Landis Drug Co.
111 S. Central Ave. (B. T. Coward)

LAURINBURG—Scotland County

2198. Community Drugs, Inc.
1101 S. Main St. (C. E. Todd)

406. Everington Drug Store
110 S. Main St. (W. N. Robertson, Jr.)

1916. Family Pharmacy
416 King St. (Herbert McKeithan, Jr.)

823. Legion Drug Store, Inc.
301 S. Main St. (W. L. Johnson)

2682. Mann's Drug Store of Laurinburg, Inc.
College Plaza Shopping Center
(J. D. Erwin)

410. Scotland Drug Company
Main St. (W. L. Frostick)

2328. Scotland Memorial Hospital**
(N. W. Duncan)

LAWNDALE—Cleveland County

2159. Piedmont Pharmacy of Lawndale, Inc.
(L. S. Stroupe)

LEICESTER—Buncombe County

2738. Young's Drug Store
Leicester H'way (D. L. Milligan)

LENOIR—Caldwell County

415. Blackwelder Hospital Pharmacy
209 S. Boundary St. (R. C. Mills)

2466. Caldwell Memorial Hospital, Inc.**
351 S. Mulberry St. (E. H. Tate)

2582. Dayvault's Drug Store
133 West Ave. (R. S. White)

2583. Foothills Pharmacy
519 E. Harper Ave. (J. H. King, Jr.)

417. Lenoir Drug Co., Inc.
110 West Ave. (E. H. Tate)

2566. Mann's Dependable Drug Store
Winn-Dixie Shopping Center
(C. M. Laxton)

2148. Medical Arts Pharmacy
354 S. Mulberry St.
(N. W. Sherwood)

1935. Peoples Drug Store, Inc.
111 West Ave. (J. S. Greene)

LEWISVILLE—Forsyth County

2486. Bobbitt's Lewisville Pharmacy
Williams & Shallowford Rds.
(D. K. Barker, Jr.)

LEXINGTON—Davidson County

1585. Center Street Pharmacy, Inc.
316 E. Center St. (J. F. Harman, Jr.)

419. City Drug Company, Inc.
5 E. First Ave. (M. H. Williams)

958. Community Drug Store, Inc.
206A W. Center St. (W. S. Tate)

2607. Eckerd Drugs
Lexington Shopping Center
(J. C. Schofield)

1963. Lexington Drug Co. #1, Inc.
16 S. Main St. (W. F. Welborn, Jr.)

1626. Lexington Drug Co. #2
E. Center St. (J. H. Welborn)

2709. Lexington Memorial Hospital, Inc.**
(J. K. Carter)

1037. Mann's Dependable Drug Store
112 S. Main St. (T. M. Harrington)

2242. Peoples Drug Store, Inc.
23 S. Main St. (G. McD. Moorefield)

LIBERTY—Randolph County

1380. Deaton Pharmacy
127 W. Swannanoa St. (C. E. Deaton)

2461. Adams and Kinton Nursing Home Pharmacy**
Route 1 (W. S. Cameron)

LILLINGTON—Harnett County

1965. Lafayette Drug Co.
1 W. Front St. (J. F. Lovette)

LINCOLNTON—Lincoln County

2260. Cornwell Rexall Drugs
Town & Country Center
(E. D. Skinner, Jr.)

2733. Crowell Hospital Pharmacy
816 S. Aspen St. (W. L. Summey)

427. The Economy Drug Company
117 E. Main St. (J. C. Bowers)

2632. Keever Pharmacy
102 Doctors Park (Z. T. Keever, Jr.)

1050. Lawing-Keziah Drug Co., Inc.
202 E. Main St. (M. W. Dutton)

2627. Lincoln County Hospital Pharmacy
Country Club Rd. (J. L. Ferrell)

2128. Lincoln Drugs, Inc.
132 E. Main St. (D. E. Keever)

LITTLETON—Halifax County

1973. Johnston's Drug Store
(C. A. Johnston)

LOCUST—Stanly County

1751. Pike's Drug Store, Inc.
H'way 27 (D. E. Neal)

LOUISBURG—Franklin County

2680. Franklin Memorial Hospital**
N. Main St. (N. F. Freeman, Jr.)

1758. Harris Pharmacy, Inc.
Main St. (T. G. Gupton)

1771. O'Neal Pharmacy
101 S. Main St.
(Jacquelyn O. Kimball)

1356. Pleasants' Drug Store
113 N. Main St. (J. C. Myers)

2241. Scoggin Drug Store
Main & Nash Sts. (L. E. Scoggin, Jr.)

LOWELL—Gaston County

2074. Lowell Drug Co., Inc.
105 E. First St. (G. H. Bane)

LUMBERTON—Robeson County

1566. Dean's Pharmacy
104 W. Twenty-seventh St.
(F. S. Dean)

2388. Eckerd's Drugs
2932 N. Elm St. (M. J. Atkinson)

438. Hedgpeth Pharmacy, Inc.
Fourth & Chestnut Sts.
(J. C. Jackson)

2391. Johnson's Drug Center
2700 N. Elm St. (D. H. Bissett)

1292. Medical Arts Pharmacy
Fourteenth & Chestnut Sts.
(E. N. Hoffman)

2657. North Carolina Cancer Institute**
H'way I 95 (E. W. Hackney)

1528. North Elm Pharmacy
2610 N. Elm St. (E. W. Hackney)

1679. Pine Street Drugs, Inc.
1810 N. Pine St. (H. N. Rogers, Jr.)

1998. Southeastern General Hospital, Inc.
W. Twenty-seventh St.
(J. L. Welsh, Jr.)

MADISON—Rockingham County

446. Brown-McFalls Drug Co.
104 W. Murphy St. (C. D. McFall)

2167. Hawkins Rexall Drug Co., Inc.
113 S. Market St. (C. I. Hawkins)

2371. Madison Drug Co., Inc.
101 S. Market St.
(E. M. Watson)

MAIDEN—Catawba County

1688. Campbell's Drug Store
16 W. Main St. (C. C. Campbell)

2349. Cornwell Rexall Drugs
Main St. (M. H. Harrill)

MANTEO—Dare County

975. Fearings, Inc.
101 Budleigh St. (M. K. Fearing, Jr.)

MARION—McDowell County

451. Evans Rexall Drugs
12 S. Main St. (J. E. Evans)

2423. Marion General Hospital Pharmacy**
Fleming Ave. (W. H. Patton)

1899. Marion Pharmacy, Inc.
6 N. Main St. (W. W. Howle)

1531. Service Pharmacy, Inc.
Railroad & S. Main Sts.
(J. H. Lowder)

1541. Tainter's Prescription Headquarters
100 S. Main St. (J. H. Segars)

MARSHALL—Madison County

1879. Roberts Pharmacy
Main St. (E. L. Niles)

MARS HILL—Madison County

1289. Community Medical Center Pharmacy
1 Chestnut St. (W. P. Powell)

1520. Mars Hill Pharmacy
Main St. (E. C. Howard)

MARSHVILLE—Union County

457. Guion's Drug Store
Main & Elm Sts. (H. N. Guion)

2269. Marshville Drugs
H'way 74 (S. S. Goodwin)

2146. Union Drug Store
Main St. (Phil Gaddy)

MATTHEWS—Mecklenburg County

2234. Matthews Pharmacy
Trade & John Sts. (J. S. Nance, Jr.)

MAXTON—Robeson County

461. Austin-Gilbert Drug Co.
227 McCaskill Ave.
(L. M. Gilbert, Jr.)

2261. Maxton Drug Co.
700 Sanders St. (N. W. Duncan)

MAYODAN—Rockingham County

1934. Mayodan Pharmacy, Inc.
105 E. Main St. (M. C. Kendrick)

McCAIN—Hoke

2369. N. C. Sanatorium Pharmacy**
(W. N. Coley)

MEBANE—Alamance County

2703. Carolina Drugs of Mebane, Inc.
115 E. Center St. (M. B. McCurdy)

464. Mebane Drug Co.
111 N. Fourth St. (D. F. White)

2732. Warren's Drug Store, Inc.
100 E. Clay St. (C. S. Oakley)

MINT HILL—Mecklenburg County

2209. Mint Hill Pharmacy, Inc.
Lawers Road (E. W. Bruce)

MOCKSVILLE—Davie County

2249. Davie County Hospital**
Hospital & Foster Sts. (J. K. Carter)

468. Hall Drug Company
N. Main St. (R. B. Hall)

1797. Wilkins Drug Company, Inc.
20 Court Sq. (R. W. Collette)

MONROE—Union County

2120. The Drug Centre
Franklin & Sunset Sts.
(A. R. Jones, Jr.)

2478. Eckerd's Drugs
Skyway Dr. (R. E. Vaughn)

1901. Faulkner's Drugs, Inc.
215 E. Jefferson St. (E. G. Faulkner)

472. Secrest Drug Company, Inc.
101 W. Franklin St. (W. W. Graham)

2483. Secrest Pharmacy
Sutherland Ave. & Dove St.
(V. V. Secrest, Jr.)

2508. Union Memorial Hospital Pharmacy
Huey St. (T. F. Lynch, III)

473. Wilson Drugs, Inc.
118 N. Main St. (C. A. Wilson)

MOORESVILLE—Iredell County

2605. Clinic Pharmacy
439 E. Statesville Ave.
(H. C. Caldwell, Jr.)

2549. Lowrance Hospital, Inc. (Pharmacy)
610 E. Center St. (A. F. Eakle)

476. Miller Drug Company, Inc.
152 N. Main St. (S. H. Price, Jr.)

857. Mooresville Drug Company, Inc.
287 N. Main St. (C. M. Crowell, Jr.)

2513. Revco Discount Drug Centers
427 Statesville Ave. (J. J. Beale)

2514. Revco Discount Drug Centers
215 S. Broad St. (J. E. Knight)

2515. Revco Discount Drug Centers
609 N. Main St. (C. N. Giles)

MOREHEAD CITY—Carteret County

2384. Carteret General Hospital**
3500 Arendell St. (Lucy K. Thorne)

1943. Morehead City Drug Co.
811 Arendall St. (R. A. Kline)

2437. R & G Pharmacy
1710 Arendell St. (R. A. Gray)

1568. Robinson Prescription Shop
907 Arendell St. (Carlton Robinson)

MORGANTON—Burke County

2601. Broughton Hospital Pharmacy
(C. M. Davis, Jr.)

2684. Burke Pharmacy, Inc.
307 W. Union St. (J. D. Hood)

1403. Community Pharmacy, Inc.
401 S. King St. (G. B. Propst)

480. Cornwell Rexall Drug, Inc.
100 W. Union St. (J. D. Wilson)

2672. Eckerd Drugs
Morganton Shopping Center
(H. Q. Gladden)

2343. Grace Hospital Drug Room**
401 College St. (D. E. Rhodes)

1883. Jones Drugs
215 Avery Ave. (W. W. Jones)

2646. Kibler Drug Co., Inc.
115 W. Union St. (D. C. Lambeth)

2615. Miller's Pharmacy
Wes-Mor Shopping Center
(J. W. Powers)

1997. Miller's Pharmacy
402 E. Union St. (F. H. Evans)

482. Phillips Drug Company
120 N. Sterling St. (W. P. Phillips)

2677. Western Carolina Center Pharmacy
Enola Rd. (D. V. Ray)

MOUNT AIRY—Surry County

2586. Eckerd Drugs
Lebanon & Main Sts.
(A. E. Morris, Jr.)

2495. Hollingsworth Drug Company
Mayberry Mall Shopping Center
(A. P. Gravitte)

1583. Hospital Pharmacy of Mt. Airy, N. C., Inc.
817 Rockford St. (R. G. Smith)

2724. Lamm Drug Co., Inc.
175 N. Main St. (W. D. Lamm)

2362. Northern Hospital of Surry County Pharmacy**
830 Rockford St. (L. B. Good)

1922. Randleman's Prescription Headquarters
Lebanon & Grace Sts.
(E. A. Randleman, Jr.)

1266. Square Pharmacy
1107 W. Pine St. (R. P. Wolfe)

2334. Surry Drug Co. of Mt. Airy
Worth & Rockford Sts.
(H. F. Hayes)

1689. W. S. Wolfe Drug Co., Inc.
165 N. Main St. (J. E. Mills)

MOUNT GILEAD—Montgomery County

2217. Cochrane-Ridenhour Drug Company #2
S. Main St. (J. R. Haithcock)

MOUNT HOLLY—Gaston County

984. Charlie's Drug Sundries, Inc.
125 W. Central Ave. (R. F. Ponder)

2339. Holland Drug Co.
101 N. Main St. (T. M. Holland)

1454. Summey Drug Co., Inc.
127 S. Main St. (P. B. Summey)

MOUNT OLIVE—Wayne County

1075. Clinic Drug Co.
227 N. Center St. (S. B. Boyd)

2304. Glenn & Martin Drug Co.
100 S. Center St.
(W. B. Shaw)

494. Lewis Drug Company
128 N. Center St. (W. K. Lewis)

2641. Medical Park Pharmacy
234 Smith Chapel Rd.
(J. C. E. Langevin)

MOUNT PLEASANT—Cabarrus County

495. A. W. Moose Company
W. Franklin St. (H. A. Moose)

MURFREESBORO—Hertford County

2191. College Pharmacy
329 E. Main St. (P. A. Whitehurst)

496. Murfreesboro Pharmacy, Inc.
129 E. Main St. (P. R. Jenkins)

MURPHY—Cherokee County

497. Mauney Drug Co.
101 N. Valley River Ave.
(H. M. Mauney)

498. Parker's Drug Store
100 S. Valley River Ave.
(J. K. Godfrey)

2477. Sisters of Providence Hospital Pharmacy**
Peachtree St. (J. K. Godfrey)

NAGS HEAD—Dare County

1627. Miller's Pharmacy, Inc.
(R. E. Miller)

NASHVILLE—Nash County

1483. Nashville Drug Co.
301 W. Washington St.
(E. A. Wooten, Jr.)

1296. Ward Drug Company
117 W. Church St. (R. A. Paramore)

NEW BERN—Craven County

1669. Anderson's Drug Store
901 Broad St. (R. A. Boger)

2484. Bynum's Drug Store, Inc.
240 Middle St. (C. W. Bynum)

1693. Clark's Drug Store of New Bern, Inc.
402 Broad St. (J. A. King)

2250. Craven County Hospital Pharmacy
2000 Neuse Blvd. (W. M. Oakley)

1838. Langston Drug Store
703 Professional Dr.
(M. B. Langston, Jr.)

2704. New Bern Medical Arts Pharmacy
Highway 70 (G. W. Davis, Jr.)

2025. Pinnix Drug Store
628 Hancock St. (W. A. Crumpler)

2302. Prescription Shoppe
507 Pollock St. (B. T. Allen)

2016. Professional Drive Pharmacy
706 Professional Dr.
(J. S. O'Daniel, Jr.)

2695. Scottie Drug Stores
226 Middle St. (R. F. James)

1577. Smith's Drug Store
1046 Broad St. (H. R. Taylor)

507. Tony's Drug Store
1114 Queen St. (T. A. Libbus)

NEWLAND—Avery County

2411. Newland Pharmacy
(R. B. Smith, Jr.)

NEWPORT—Carteret County

1874. Newport Pharmacy, Inc.
Temple Bldg. (S. P. Rubin)

NEWTON—Catawba County

833. City Pharmacy
206 N. College St. (E. B. Clapp)

2722. Crown Drugs of Newton
New-Con Shopping Center
(C. T. Dixon)

510. H & W Drug Company
12 E. First St. (D. L. Weathers)

1578. Newton Rexall Drugs
33 N. College Ave. (B. M. Smyre)

NEWTON GROVE—Sampson County

2135. Newton Grove Drug Co., Inc.
(T. A. Williford)

NORLINA—Warren County

512. Walker Drug Company, Inc.
Main St. (H. W. Walker)

NORTH WILKESBORO—Wilkes County

514. R. M. Brame & Sons
833 B St. (P. A. Brame)

515. Horton's Drug Store
819 B St. (W. D. Horton)

2354. Jennings Drug Center
Midtown Plaza Center
(R. N. Jennings)

517. Red Cross Pharmacy
224 Tenth St. (R. M. Brame, Jr.)

2512. Revco Discount Drug Centers
West D Street (F. A. Holt)

2421. Wilkes General Hospital Pharmacy**
West D St. (R. M. Brame, Jr.)

NORWOOD—Stanly County

519. Norwood Drug Company, Inc.
(A. D. McNeill)

OAKBORO—Stanly County

1918. Pike's Oakboro Drug Store
Main St. (B. C. Caddell, Jr.)

OLD FORT—McDowell County

1657. Center Pharmacy
Main St. (C. W. Josey)

OXFORD—Granville County

2346. Granville Hospital Pharmacy**
College St. (E. S. Powell)

2337. Hall's Drug Store
125 Main St. (J. B. Clay)

1377. Jones Drug Store, Inc.
116 Hillsboro St. (C. F. Jones, Jr.)

2612. Mast Drug Co., Inc.
201 Williamsboro St. (J. C. Herrin)

2731. Scottie Drug Stores
132 Main St. (E. S. Powell)

526. Williams Drug Company
101 College St. (L. R. Creech)

PEMBROKE—Roberson County

2408. Pembroke Drug Center, Inc.
Odom & Main Sts. (H. D. Brooks)

2271. Rogers Rexall Drug Company, Inc.
121 W. Third St. (H. D. Lowry)

PIKEVILLE—Wayne County

1133. Pikeville Drug Store
Railroad & Main Sts. (A. M. Hicks)

PILOT MOUNTAIN—Surry County

530. Smith Drug Store
Main St. (O. W. Smith)

1394. Surry Drug Company, Inc.
124 W. Main St. (J. D. Stone)

PINEHURST—Moore County

532. Carolina Pharmacy, Inc.
(W. R. Viall, Jr.)

2050. Medical Center Pharmacy of Pinehurst, Inc.
Carthage Rd. (H. C. Reaves, Sr.)

1698. Moore Memorial Hospital Pharmacy
Page Rd. (R. A. Knight)

PINE LEVEL—Johnston County

533. Godwin Drug Company
(C. F. Godwin)

PINETOPS—Edgecombe County

1190. Service Drug Store
123 W. Hamlet St. (J. S. Williford)

PINEVILLE—Mecklenburg County

534. Pineville Drug Co.
314 Main St. (R. C. Hair)

PINK HILL—Lenoir County

1124. Brewer Drug Company
106 W. Broadway St.
(Marsha H. Brewer)

2268. R. L. Hood Pharmacy
110 E. Broadway (R. L. Hood)

PITTSBORO—Chatham County

2247. Mathiesen Clinic
H'way 64 West (C. M. McGee)

536. McCrimmon Drug Company
18 Hillsboro St. (D. G. McCrimmon)

PLEASANT GARDEN—Guilford County

1786. Pleasant Garden Drug Store, Inc.
(W. H. Barton)

PLYMOUTH—Washington County

538. E. G. Arps
Waters St., E. (E. G. Arps)

2457. Washington County Hospital**
802 Washington St. (L. N. Womble)

2263. Womble Drug Store #2
Plymouth Shopping Center
(L. N. Womble, Jr.)

PRINCETON—Johnston County

541. Woodard Pharmacy
(B. P. Woodard)

RAEFORD—Hoke County

1884. Hoke Drug Co., Inc.
Main St. (W. N. Coley)

927. Howell Drug Company
Main St. (W. L. Howell, Jr.)

RALEIGH—Wake County

572. Arnold Rexall Drugs
3021 Hillsborough St. (B. D. Arnold)

545. Brantley and Son, Inc.
508 Hillsborough St.
(J. C. Brantley, Jr.)

1551. Brookside Pharmacy
1034 Brookside Dr. (R. A. Smith)

546. Central Drug Store
601 E. Davie St. (R. E. Wimberley)

2134. Community Drug Store
600 S. Blount St. (W. P. Wimberley)

2000. Cromley's Boulevard Pharmacy
3922 Western Blvd. (R. I. Cromley, Jr.)

1746. Del's Pharmacy
5267 Six Forks Rd. (D. S. Huffstetler)

2600. Dorothea Dix Hospital Pharmacy
S. Boylan Ave. (Evelyn D. Williford)

552. Eckerd's Drugs
222 Fayetteville St.
(R. E. Kearney)

2355. Eckerd's Drugs
2421 North Blvd. (C. L. Page)

2503. Eckerd's Drugs
Quail Corner Shopping Center
(T. M. Futrell)

1497. Hamlin Drug Co.
126 E. Hargett St. (J. M. Johnson)

2225. Hayes-Barton Pharmacy
2000 Fairview Rd. (W. H. Wilson)

2497. Honeycutt's Pharmacy
2921 Brentwood Rd. (H. R. Honeycutt)

1012. Johnson's Pharmacy
2519 Fairview Rd. (T. H. Johnson)

1338. Kerr Drugs
2017 Cameron St. (W. L. Scarboro)

2336. Kerr Rexall Drugs
4025 Old Wake Forest Rd.
(R. B. Overton)

2058. Kerr Rexall Drugs
3528 Wade Ave. (B. O. Lockhart)

1336. Longview Pharmacy, Inc.
2008 New Bern Ave. (D. K. Carter)

2257. Mary Elizabeth Hospital Pharmacy**
1100 Wake Forest Rd. (Jean B. Provo)

2434. Melvin's Pharmacy
1300 St. Mary's St.
(F. F. Yarborough)

2084. Melvin's Glenwood Pharmacy
2905 Essex Cir. (R. H. Seaborn)

1908. Murray's Pharmacy
1907 Poole Rd. (B. R. Murray)

2629. N. C. Central Prison Hospital Pharmacy
835 W. Morgan St. (C. L. Futrell)

2546. North Hills Apothecary, Inc.
3801 Computer Dr. (J. W. Bradley)

1926. North Hills Pharmacy, Inc.
North Hills Shopping Center
(B. H. Scudder)

2675. Northside Pharmacy
1910 Bernard St. (O. A. Elmore, Jr.)

2114. Oak Park Pharmacy, Inc.
5230 Holly Ridge Rd.
(H. I. Gattis, Jr.)

1003. Person Street Pharmacy, Inc.
620 N. Person St. (J. E. Phillips)

2233. Pine Drug Company, Inc.
600 W. South St. (E. R. Ellis)

1957. Prescription Shop
1110 Wake Forest Rd. (Jean B. Provo)

2674. Professional Pharmacy
123 W. Hargett St. (W. C. Griffin)

566. Rex Hospital Pharmacy
1311 St. Mary's St. (H. G. Price)

2305. Starmount Pharmacy, Inc.
3312 North Blvd. (W. I. Davis)

2533. Village Pharmacy
2010 Clark Ave. (H. S. Barbrey, Jr.)

1805. Wake County Hospital System, Inc. Pharmacy
3000 New Bern Ave.
(Martha A. Wyke)

570. Walgreen Co.
200 Fayetteville St. (L. A. Morse)

2452. White Cross Pharmacy
134 Fayetteville St.
(P. H. Richardson)

2637. White Cross Pharmacy
Kings Shopping Center (J. C. Watson)

RAMSEUR—Randolph County

1785. Ramseur Pharmacy
307-09 Main St. (C. R. Whitehead)

RANDLEMAN—Randolph County

574. Economy Drug Co.
Main St. (H. Q. Ferguson)

RED SPRINGS—Robeson County

2298. Red Springs Drug Co.
114 S. Main St. (R. B. Grantham)

578. Townsend's Pharmacy
111 S. Main St. (R. M. Ammons)

REIDSVILLE—Rockingham County

2276. Annie Penn Memorial Hospital Pharmacy
618 S. Main St. (J. C. Estes, Jr.)

830. Carolina Apothecary
219 Gilmer St. (W. G. Dudley, Jr.)

1414. Davis Pharmacy, Inc.
230 Gilmer St. (W. E. Davis)

2496. Eckerd Drugs
Pennrose Mall Shopping Center
(J. P. Kelser)

580. Link Bros. Pharmacy, Inc.
118 S. Scales St. (F. P. Link)

581. Mann's Dependable Drug Store #1
23 Gilmer St. (J. R. Teague)

1687. Mann's Dependable Drug Store #2
664 S. Scales St. (J. D. Burson)

1502. Reidsville Drug Store
108 W. Market St. (T. R. Gatling)

RICH SQUARE—Northampton County

583. Bolton's Drug Company
(R. B. Bolton)

RIEGELWOOD—Columbus County

1539. Creekmore's Pharmacy
Riegelwood Shopping Center
(R. L. Creekmore)

ROANOKE RAPIDS—Halifax County

2417. Central Pharmacy
615 Jackson St. (J. C. Robinson, Jr.)

1959. Franklin Street Pharmacy
739 Franklin St. (G. V. Wyche)

2222. Griffin Drug Company, Inc.
1025 Roanoke Ave. (W. C. Griffin)

2422. Roanoke Rapids Hospital Pharmacy Dept.
705 Roanoke Ave. (W. M. Savage)

2320. Rosemary Drug Co., Inc.
1019 Roanoke Ave. (C. M. Floyd, Jr.)

588. Savage's Drug Store
1018 Roanoke Ave. (M. C. Savage)

1361. Timberlake's Drug Store
260 Roanoke Ave. (H. W. Timberlake)

ROBBINS—Moore County

589. Johnson-Puckett Drug Co.
(R. H. Johnson)

949. Tar Heel Drug Company
(W. M. Puckett)

ROBBINSVILLE—Graham County

1917. DeLozier Drug Store
Main St. (T. M. DeLozier)

ROBERSONVILLE—Martin County

1992. David Grimes Drug Store
Main St. (G. D. Grimes, Sr.)

2275. Robersonville Township Hospital**
(W. M. Batten)

ROCKINGHAM—Richmond County

1867. Bristow Drug Company
302 E. Washington St.
(E. L. Marks, Jr.)

2711. Eckerd Drugs
Tri-City Shopping Center
(Patricia A. Williams)

1011. Federal Pharmacy
126 S. Hancock St. (G. W. Honeycutt)

594. Fox Drug Company, Inc.
122 E. Washington St.
(J. E. Williams)

2393. Richmond Memorial Hospital**
Hospital Rd. (Francis E. Campbell)

2727. White Cross Drugs
Richmond Plaza Shopping Center
(J. R. Green)

ROCKWELL—Rowan County

1640. Crescent Pharmacy, Inc.
Main St. (W. O. Lombard)

ROCKY MOUNT—Nash County

1519. Almand's Drug Store
130 S. Main St. (E. C. Speight)

2560. Bissette's Drug Store #4
420 W. Thomas St. (C. B. Alexander)

1778. Burnett Drug Company
140 E. Thomas St. (I. W. Wooten)

2451. H. L. Hicks Drug Company
234 S. Main St. (D. J. Raper)

2009. Kerr Drugs
Tarrytown Shopping Center
(P. D. Jackson)

1298. May & Gorham, Inc.
132 Tarboro St. (E. G. Campbell, Jr.)

2744. Nash General Hospital Pharmacy
(J. J. Gerlinger)

2429. Oakwood Pharmacy
329 Fairview Rd. (R. M. Brown)

2649. Rocky Mount Sanitarium, Inc. Pharmacy**
144 Coast Line St. (J. O. Knight)

1891. I. W. Rose Drug Co.
112 N. Main St. (R. E. Fleming, Jr.)

1220. The Sunset Pharmacy
1601 W. Thomas St.
(J. P. Burnett, Jr.)

606. Thompson Pharmacy, Inc.
365 Falls Rd. (W. G. Eason)

ROLESVILLE—Wake County

2364. Rolesville Drug Co.
Main St. (J. W. Thornton)

ROSEBORO—Sampson County

609. Tart and West, Druggists
(W. A. West)

ROSE HILL—Duplin County

2634. Carr Drug Co.
E. Church St. (R. L. Carr)

1358. Sam's Drug Store
E. Railroad St. & Charity Rd.
(S. M. Cavanaugh)

ROWLAND—Robeson County

1713. Walker's Drug Center
H'way 301 South (M. H. Walker)

ROXBORO—Person County

1445. Cole's Pharmacy
117 N. Main St. (A. F. Cole, Jr.)

2142. Hospital Pharmacy
Ridge Rd. (W. F. Lynch)

2262. Person County Hospital Pharmacy**
Ridge Rd. (N. G. Bowen)

2136. The Prescription Shop
Ridge Rd. (N. G. Bowen)

2669. Revco Discount Drug Center
Westfield Plaza (J. T. Street)

616. Thomas and Oakley Drug Store
109 Main St. (C. H. Oakley)

1999. Village Pharmacy
N. Madison Blvd. (A. L. Bradsher, Jr.)

RURAL HALL—Forsyth County

1826. Stanleyville Pharmacy, Inc.
Route 1 (C. C. Munday)

2309. Warren's Drug Store
Professional Center (R. H. Sloop)

RUTHERFORD COLLEGE—Burke County

2281. College Pharmacy (J. H. Fletcher)

RUTHERFORDTON—Rutherford County

1645. Rutherford Drug Co., Inc.
225 N. Main St. (R. L. Edwards)

2367. Rutherford Hospital Pharmacy**
Ridgecrest Ave. (J. E. Cash)

1471. Smith's Drug Store, Inc.
217 N. Main St. (A. R. Bridges)

SAINT PAULS—Robeson County

2751. Brisson Drugs
123 W. Broad St. (G. W. Peal)

681. St. Pauls Drug Company, Inc.
200 W. Broad St. (D. D. Sparkman)

SALISBURY—Rowan County

1954. Doctors Building Drug Co., Inc.
830 W. Henderson St.
(D. A. Thompson)

2400. Eckerd's Drugs
Rowan Mall Shopping Center
(F. H. McNew, Jr.)

2375. Fulton Street Pharmacy
916 S. Fulton St. (H. C. Stone, Jr.)

2061. Innes Street Drug Company
Wallace Building (E. R. Fuller)

2060. Innes Street Drug Co.'s Medical Center Pharmacy
701 Barker St. (F. L. Skinner)

2069. Innes Street Drug Co. #3
W. Innes St. (Evelyn B. Fowler)

1913. Main Drug Co.
128 N. Main St. (B. C. Lindsay)

2696. Purcell's Drug Store
Southgate Shopping Center
(S. M. Purcell, Jr.)

2698. Purcell's Drug Store
101 N. Main St. (T. G. Loftin)

1264. Rowan Memorial Hospital Pharmacy
612 Mocksville Ave.
(Patsy B. Sanders)

1728. Salisbury Pharmacy, Inc.
102 Mocksville Ave. (G. B. Albright)

2020. Towne Pharmacy, Inc.
1408 W. Innes St. (F. W. Medlin)

SALUDA—Polk County

2567. Saluda Pharmacy
Main St. (H. L. Brogden)

SANFORD—Lee County

1835. Acme Drug Co.
148 S. Steele St. (A. W. Palmer)

1631. Bland's Drug Store
718 Wall St. (Miriam L. Bland)

2707. Cameron's Drug Store
218 E. Main St. (Marcus Cameron)

630. John's Pharmacy
411 Carthage St. (J. A. Terrell, Jr.)

376. Jonesboro's Lee Drug Store
114 E. Main St. (R. N. Watson)

2555. Lee County Hospital Pharmacy
106 Hillcrest Dr. (W. C. Jackson)

632. Lee Drug Store
101 S. Steele St. (Joe Lazarus)

1311. Mann's Dependable Drug Store
300 Wicker St. (H. C. Greeson)

2015. Mann's Dependable Drug Store
Kendale Shopping Center (R. L. Cox)

2737. Scottie Drug Stores
110 S. Steel St. (L. W. Keith)

SCOTLAND NECK—Halifax County

635. Hall's Drug Store
918 Main St. (C. C. Turner, Jr.)

1910. McDowell's Pharmacy
1004 Main St. (N. O. McDowell, Jr.)

SEABOARD—Northampton County

903. Community Drug Store*
Main St. (J. W. Parker, Jr., M.D.)

SEA LEVEL—Carteret County

2207. Sea Level Pharmacy
(L. J. Fisher)

SELMA—Johnston County

640. Creech Drug Co.
126 N. Raiford St. (J. A. Creech, Jr.)

2553. Selma Drug Company, Inc.
Anderson & Raiford Sts.
(Lynn C. Stallings)

SHALLOTTE—Brunswick County

641. Coastal Drug Store
(C. W. Young, Jr.)

1675. Shallotte Drug Store
Lewis Shopping Center
(W. D. Roycroft)

2076. Thomas Drugs
Main St. (P. L. Thomas, III)

SHELBY—Cleveland County

2235. Cleveland Memorial Hospital Pharmacy
201 Grover St. (D. W. Deal)

2365. Cornwell Hospital Pharmacy
Grover & Dekalb Sts (R. L. Austell)

1710. Cornwell Rexall Drugs
Huxley Village Shopping Center
(Jean W. McSwain)

2387. Eckerd's Drugs
Shelby Plaza Shopping Center
(Virginia H. Harris)

2538. Medical Arts Pharmacy of Shelby, Inc.
108 Grover St. (W. H. Bradburn, Jr.)

2739. Scottie Drug Stores
210 S. Lafayette St.
(S. C. Tate)

1969. Shelby Drug Co., Inc. #2
412 W. Warren St. (R. R. Wells)

953. Smith's Drugs
4 E. Warren St. (W. S. Gregory)

2130. Suttle's Drug Store
301 E. Warren St. (T. W. Barnes)

2245. Webb Drug Co.
112 N. Lafayette St. (M. S. Sime)

SILER CITY—Chatham County

1995. Carolina Pharmacy
102 E. Raleigh St. (H. H. Dunlap, Jr.)

2599. Chatham Hospital, Inc. Pharmacy**
W. Fourth St. (C. A. Simmons, Jr.)

2229. Chatham Rexall Drug
518 W. Raleigh St. (W. L. Whitehead)

1947. Siler City Drug Co., Inc.
102 S. Chatham Ave.
(C. M. Ferguson, Jr.)

SKYLAND—Buncombe County

2390. Skyland Drug, Inc.
Hendersonville Rd. (J. R. Romine)

SMITHFIELD—Johnston County

1151. Creech's Pharmacy
109 S. Third St. (J. L. Creech)

2718. Eckerd Drugs
Rose Manor Shopping Center
(A. M. Costin)

1950. Hood's Drug Store
Market & Third Sts.
(McDonald Davis, Jr.)

2186. Johnston Memorial Hospital Pharmacy
H'way 301 (Rudolph Pittman)

2010. Medical Center Pharmacy
601-D N. Eighth St. (J. M. Sasser)

2300. Smithfield Drug Company, Inc.
Market Plaza (J. W. Clow)

655. Upchurch Pharmacy
Third & Market Sts. (M. T. Upchurch)

SNOW HILL—Greene County

1837. Snow Hill Pharmacy
211 N. Greene St. (R. V. Heath)

SOUTHERN PINES—Moore County

2446. St. Joseph of the Pines Hospital**
Knollwood (K. W. Woody)

2332. Sandhill Drug Co., Inc.
154 N. W. Broad St. (L. G. Snider)

2215. Town Center Pharmacy
Broad St. (Joe Montesanti, Jr.)

SOUTHPORT—Brunswick County

2347. Dosher Memorial Hospital Drug Room**
(L. G. Barefoot)

1871. Kirby Prescription Center, Inc.
109 Howe St. (C. M. Kirby, Jr.)

2743. Southport Pharmacy
110 Moore St.
(F. E. Kirby)

SPARTA—Alleghany County

2665. Alleghany County Memorial Hospital**
Hospital & Doctors Sts.
(T. R. Burgiss)

2603. Drug Care of Alleghany, Inc.
S. Main St. (T. R. Burgiss)

2745. Halsey Drug Co.
Main St. (R. R. Eller)

SPENCER—Rowan County

1275. Rowan Drug, Inc.
Park Plaza (P. W. Miller)

SPINDALE—Rutherford County

2690. Spindale Drug Co.
101 W. Main St. (H. J. Moore)

SPRING HOPE—Nash County

2725. Southside Pharmacy
123 E. Ashe St. (J. R. Buchanan)

SPRING LAKE—Cumberland County

1773. Spring Lake Drug Company
209 Skyland Shopping Center
(R. E. Bullard)

SPRUCE PINE—Mitchell County

2175. Day's Drug Co., Inc.
309 Oak Ave. (H. V. Day)

2329. Spruce Pine Community Hospital Pharmacy**
Hospital Dr. (H. V. Day)

668. Spruce Pine Pharmacy
207 Locust Ave. (R. D. Banner)

STANLEY—Gaston County

2740. Nixon Pharmacy, Inc.
216 S. Main St. (F. L. Black)

1121. Stanley Drug Co.
Main St. (G. S. Coble)

STANTONSBURG—Wilson County

669. Stantonsburg Drug Co.
111 S. Main St. (L. K. Edwards)

STAR—Montgomery County

2493. Montgomery Drug, Inc.
Main St. (L. G. Kennedy)

670. Wallace Drug Store
Main St. (A. C. Wallace)

STATESVILLE—Iredell County

2554. Davis Hospital, Inc.**
709 West End Ave.
(J. L. Patterson)

2389. Eckerd's Drugs
Newtowne Plaza Shopping Center
(J. L. Kennedy)

1929. Forest Heights Pharmacy, Inc.
Forest Heights Shopping Center
(D. J. Smith)

1961. Holmes Drug Co., Inc.
101 E. Broad St. (W. J. Miller)

2410. Iredell Memorial Hospital, Inc.
Brookdale & Hartness Rd.
(V. I. Boyles)

1615. Lowry Drug Company, Inc.
750 Hartness Rd. (F. W. Lowry)

2697. Purcell's Drug Store
111 E. Broad St. (R. J. McCommons)

2516. Revco Discount Drug Centers
951 Davie Ave. (J. T. Simpson, Jr.)

2463. Southside Drug Co.
430 Western Ave. (W. B. Buckner)

2439. Statesville Drug Company, Inc.
101 S. Center St. (A. L. Davis)

2401. Westgate Pharmacy, Inc.
1216 W. Front St. (J. L. Patterson)

STOKESDALE—Guilford County

1084. Smith's Drug Store
(J. G. Smith)

STONEVILLE—Rockingham County

678. Stoneville Drug Store
Henry St. (G. D. Matthews, Jr.)

STONY POINT—Alexander County

1642. Mack's Pharmacy
Main St. (R. L. McKittrick)

STOVALL—Granville County

679. Puckett Drug Co.
(U. S. Puckett)

SUMMERFIELD—Guilford County

2044. Summerfield Drug Co., Inc.
(A. J. Muratori)

SWANNANOA—Buncombe County

2118. Ward's Drug Store
(W. O. Sheaffer)

SYLVA—Jackson County

1904. Eastgate Pharmacy
Eastgate Medical Center
(L. B. Cowan)

2306. C. J. Harris Community Hospital**
59 Hospital Rd.
(Katherine D. Calhoun)

2307. Hooper's Drug Store
Main St. (R. D. Kelley, Jr.)

921. Professional Drug Store, Inc.
Main St. (Bjorn Ahlin)

2590. Sylva Pharmacy, Inc.
6 E. Main St. (J. N. Zachary)

TABOR CITY—Columbus County

917. Dameron Drug Store
2 S. Main St. (H. G. Dameron)

685. Harrelson's Pharmacy
Fourth & Main St. (W. H. Harrelson)

TARAWA TERRACE—Onslow County

1276. Almand's Drug Stores, Inc.
Tarawa Terrace Shopping Center
(H. O. Kight)

TARBORO—Edgecombe County

1723. Edgecombe Drug Company, Inc.
201 Clinic Rd. (W. D. Moore)

2449. Edgecombe General Hospital, Inc.**
N. Main St. (C. F. Bradshaw)

1608. Moore's Pharmacy
301 Main St. (M. A. Moore, Jr.)

2578. The Quigless Clinic Hospital
99 Main St. (I. W. Wooten)

2036. Tarboro Drug Co., Inc.
421 Main St. (J. F. Rawlins)

1274. Thorne's Drug Co.
1510 N. Main St. (R. H. Rains)

TAYLORSVILLE—Alexander County

2467. Alexander County Hospital Association Inc.** (R. B. Campbell)

2325. Peoples Drug Store
Main St. (L. W. Nichols)

1435. Town and Country Drugs
Main St. (R. B. Campbell, Jr.)

THOMASVILLE—Davidson County

2545. Community General Hospital of Thomasville, Inc.
111 Pine St. (W. T. Williams)

2562. Gibson's Pharmacy
H'way 109 & Cloninger Dr.
(W. R. Holloway)

2479. Liggett-Rexall Drug
Southgate Shopping Center
(H. O. Benson)

694. Mann's Dependable Drug Store #1
108 E. Main St. (J. D. Greeson)

1822. Mann's Dependable Drug Store #2
600 Randolph St. (L. S. Walker)

1616. Medical Arts Pharmacy, Inc.
402 Randolph St. (H. W. Creech)

2569. Thomasville Drug Store, Inc.
20 Salem St. (L. B. Poole)

TROUTMAN—Iredell County

698. Troutman Drug Store
2 Wagner St. (J. C. Gabriel)

TROY—Montgomery County

2243. The Dept. of Pharmacy—Montgomery Memorial Hospital, Inc.**
Wood Street (R. L. White)

699. Standard Drug Company, Inc.
328 N. Main St. (R. L. White)

1429. Troy Drug Company
401 N. Main St. (J. R. Harrison)

TRYON—Polk County

2519. Arledge Pharmacy, Inc.
119 S. Trade St. (D. L. Arledge)

2189. Owens Pharmacy
110 N. Trade St. (R. D. Butler)

2252. St. Luke's Hospital Pharmacy**
500 Carolina Dr. (E. M. Fincher)

2246. Tryon Pharmacy
S. Trade St. (E. M. Fincher)

VALDESE—Burke County

826. Rock Drug Store
225 W. Main St. (L. R. Burris, Jr.)

1045. Valdese General Hospital Pharmacy
(B. T. Pittman)

VASS—Moore County

1063. Vass Drug Store
Main St. (W. L. Cameron)

WADESBORO—Anson County

2531. Anson County Hospital**
500 Morven Road (W. C. Bias)

1799. Fox and Lyon Drug Store
100 W. Wade St. (J. E. Walters)

1889. Parsons-Bias, Inc.
100 S. Green St. (W. C. Bias)

1421. Tollison Pharmacy
125 S. Washington St. (R. B. Tollison)

WAGRAM—Scotland County

1839. Wagram Drug Store
621 N. S. Main St. (L. E. Gilbert, Jr.)

WAKE FOREST—Wake County

911. Edwards' Pharmacy
121 S. White St. (G. B. Edwards)

2462. T. E. Holding & Co.
205 S. White St. (T. E. Holding, III)

2633. Medical Arts Pharmacy
Medical Arts Bldg.
(Mary I. Silver)

WALKERTOWN—Forsyth County

2086. Walkertown Rexall Drugs
H'way 66 & Morris St. (R. E. Mueller)

WALLACE—Duplin County

951. Gowan Drug Company
124 Norwood St. (S. W. Gowan)

1475. Graham Drug Co.
130 E. Main St. (L. I. Graham)

2694. Scottie Drug Stores
103 W. Main (J. W. Bizzell)

1974. Wallace Drug Co., Inc.
100 W. Main St. (L. M. Whaley)

WALNUT COVE—Stokes County

1747. Cove Pharmacy
S. Main St. (S. V. Harrison)

2095. Hicks Pharmacy
1340 Main St. (J. O. Hicks)

WALSTONBURG—Greene County

1087. Jenkins Drug Store
Rail Rd. (Sam Jenkins)

WARRENTON—Warren County

1460. Boyce Drug Co.
208 N. Main St. (W. F. Farmer)

2024. Hunter Drug Company, Inc.
240 S. Main St. (Alpheus Jones, Jr.)

WARSAW—Duplin County

960. Clark's Drug Store
123 W. College St. (G. E. Clark)

2416. Warsaw Drug Co.
121 E. Railroad St.
(W. J. Weatherly, III)

WASHINGTON—Beaufort County

2406. Beaufort County Hospital Association, Inc.
E. Twelfth St. (D. D. Winstead, Jr.)

1809. Hospital Pharmacy
600 E. Twelfth St. (J. R. Oakley)

721. Tayloe Drug Company
239 W. Main St. (J. P. Tunstall)

722. Welch's Drug Store
100 W. Main St. (W. D. Welch, Jr.)

1942. Welch's Drug Store, No. 2
604 E. Twelfth St. (G. F. May)

2584. White Cross Pharmacy
169 W. Main St. (R. U. Derr)

WAYNESVILLE—Haywood County

2623. Eckerd Drugs
Waynesville Plaza Shopping Center
(Alice L. Bailey)

2212. Haywood County Hospital Pharmacy
(D. H. Houghtaling)

2750. Medical Arts Pharmacy
1600 N. Main St. (J. H. Winfree)

1153. Smith's Drugs, Inc.
226 Main St. (H. V. Morris)

2005. Waynesville Pharmacy
307 Main St. (B. H. Eidam, Jr.)

WEAVERVILLE—Buncombe County

1270. Weaverville Drug Co.
Main St. (R. C. Kemp)

WELCOME—Davidson County

1855. Welcome Drug Company
H'way 52 North (J. W. Fulton)

WELDON—Halifax County

728. Selden's Pharmacy
123 Washington Ave. (J. S. Selden)

729. Terminal Drug Store
19 W. First St. (D. B. Cooke)

1167. Weldon Drug Co.
322 Washington Ave.
(J. K. Turner, Jr.)

WENDELL—Wake County

2094. Sanders Pharmacy, Inc.
Main St. (J. W. Saunders)

2208. Wendell Drug Co.
Main St. (W. F. Farmer, Jr.)

WEST JEFFERSON—Ashe County

1767. Peoples Rexall Drug Store
Jefferson Ave. (D. M. Shepherd)

2348. Ray Drug Store
Jefferson Ave. (P. H. Logan)

1103. Robert's Drug Store
Jefferson Ave. (H. M. Logan)

WHITEVILLE—Columbus County

2686. Columbus County Hospital Pharmacy
Jefferson Street (E. G. Brown)

2541. Columbus Drug Store
629 S. Madison St. (P. F. Edwards)

745. Guiton's Drug Store
801 S. Madison St. (G. D. Hege)

2152. J. A. McNeill & Sons
612 S. Madison St. (J. A. McNeill)

2294. Nick Gross Prescription Center
S. Madison St. (B. A. Norris)

2356. Simmons' Drug Co.
Baldwin Woods, S.W. (R. W. Floyd)

2293. Simmons' Drug Co.
Court Square (N. R. Gross)

WILKESBORO—Wilkes County

1136. The Peoples Drug Store
109 Main St. (J. P. Horton, Jr.)

WILLIAMSTON—Martin County

2706. Clark's Pharmacy, Inc.
142 W. Main St. (G. E. Hill)

749. Davis Pharmacy
150 W. Main St. (D. R. Davis, Jr.)

1135. Martin General Hospital Pharmacy
Liberty St. (W. M. Batten)

WILMINGTON—New Hanover County

2427. Babies Hospital, Inc.**
7225 Wrightsville Ave. (M. M. Morris)

2288. Cape Fear Memorial Hospital, Inc.**
5301 Wrightsville Ave. (J. W. Polk)

1468. Cape Fear Pharmacy
5042 Wrightsville Ave.
(J. C. Edwards)

1560. Carter's Pharmacy
2001 Princess Place Dr.
(R. E. Carter, Jr.)

963. Center Drug Co., Inc.
1706 Dawson St. (H. W. Greene)

2465. Eckerd's Drugs
Market Plaza Shopping Center
(R. S. Seabock)

2564. Gibson's Pharmacy
68 S. Kerr Ave. (L. E. Hickmon)

1199. Hall's Drug Store
421 Castle St. (J. M. Hall, Jr.)

1149. Henriksen's Pharmacy, Inc.
Hanover Center (H. E. Henriksen)

1812. Jarman's Pharmacy, Inc.
2111 Market St. (G. L. Carroll)

2319. Joe's Drugs
4930 Market St. (Joseph Nemargut)

1970. Lakeview Pharmacy
615 Greenfield St. (L. A. Odom)

2366. New Hanover Memorial Hospital Pharmacy
2131 S. Seventeenth St.
(M. E. Underwood)

1582. Peoples Drug Co.
1122 N. Fourth Street (M. E. Merritt)

1632. Professional Pharmacy
2106 S. Seventeenth St.
(J. C. Bullock, Jr.)

1830. Seashore Drugs
2509 Carolina Beach Rd.
(J. F. Howard)

1459. Standard Pharmacy
Murchison Building (P. L. McDaniel)

766. Toms Drug Co.
Front & Market Sts.
(G. K. Harrington)

1349. Turner's Drug Store, Inc. No. 1
4314 Market St. (G. W. Turner)

2096. Turner's Drug Store, Inc., No. 2
Castel Hayne Rd. (P. H. Heaton, Jr.)

1252. Walgreen Co.
226 N. Front St.
(V. J. Lindenschmidt)

1909. Williams Pharmacy
4606 Oleander Dr. (F. E. Williams)

2091. Winter Park Drug Store
5220 Wrightsville Ave. (J. W. Polk)

WILSON—Wilson County

2537. Bissette's Drug Store No. 1
114 E. Nash St. (J. W. Stancil)

2460. Eastern North Carolina Sanatorium**
Lipscomb Rd. (W. R. Adams, Jr.)

2248. Eckerd's Drugs
Boulevard Shopping Center
(J. W. Martin)

1667. Herring's Drug Store
211 E. Nash St. (J. W. Gresham)

2402. Herring's Fairview Pharmacy, Inc.
602 Fairview Ave. (M. M. Bain)

2169. Kerr Drugs
Ward Blvd. (R. T. Tripp)

771. Morrison's Drug Store
403 W. Nash St. (B. P. Morrison)

2647. Terminal Drug Store
408 E. Nash St. (W. S. Harmon)

1259. H. G. Thomas Drug Store, Inc.
303 W. Nash St. (H. G. Thomas)

774. Wilson Drug Co., Inc.
114 S. Tarboro St. (M. L. Newbern)

2092. Wilson Memorial Hospital Pharmacy
Tarboro St. Ext. (W. R. Adams, Jr.)

WINDSOR—Bertie County

2547. Bertie County Memorial Hospital Pharmacy**
401 Sterlingworth St.
(E. L. Carraway)

2333. Pugh's Pharmacy, Inc.
King & Granville Sts. (E. S. Pugh)

777. The Windsor Pharmacy Company
119 S. King St. (W. B. Gurley)

WINSTON-SALEM—Forsyth County

1052. Acadia Pharmacy, Inc.
301 Acadia Ave. (W. W. Northcott)

1966. Andrews Pharmacy
1302 S. Hawthorne Rd.
(J. W. Andrews)

2395. Andrews-Summit Pharmacy
1214 Reynolda Rd.
(J. A. Way, Jr.)

2321. Bobbitt's College Pharmacy
100 Lockland Ave. (E. J. Rabil)

2318. Bobbitt-Nissen Drug Co.
314 W. Fourth St. (C. B. McKenzie)

2324. Bobbitt's Pharmacy
401 N. Main St. (Sara F. Lore)

2426. Club Haven Pharmacy, Inc.
5017 Country Club Rd. (C. L. Branan)

2303. Community Drug
101 Thomasville Rd. (J. L. Inabinet)

1066. Cox Pharmacy, Inc.
College Village (R. O. Cox)

2085. Crown Drugs, Inc.
631 Peters Creek Rd.
(T. D. Sprinkle)

1387. Eckerd's Drugs
240 S. Stratford Rd. (J. S. Holland)

1734. Eckerd's Drugs
1205 Corporation Parkway, S.W.
(F. A. O'Neil)

1562. Eckerd's Drugs
Northside Shopping Center
(J. A. Hathcock, Jr.)

1946. Eckerd's Drugs
Reynolda Road Shopping Center
(Fred Parmesano)

1314. Flynn's Drug Store, Inc.
11 E. Clemmonsville Rd.
(H. L. Flynn)

2299. Forsyth Home, Inc. Pharmacy**
Shattalon Dr. (P. L. George, Jr.)

2071. Forsyth Memorial Hospital Pharmacy
3333 Silas Creek Parkway
(J. F. Lowder)

1408. Gordon-Manor Pharmacy
3915 Country Club Rd. (R. A. Russell)

2648. Rufus Hairston's Drug Store
100 E. 3rd St. (W. C. Penn)

2051. Medical Park Pharmacy
Forsyth Medical Park (J. W. Edwards)

1933. Model Pharmacy, Inc. Store #2
Cleveland Ave. & Fifth St.
(F. L. Douglas)

819. N. C. Baptist Hospital Pharmacy
103 S. Hawthorne Rd.
(D. K. Chapman)

1570. Ogburntown Pharmacy, Inc.
4330 N. Liberty St. (J. H. Gooch)

1478. Old Town Pharmacy
3716 Reynolda Rd. (J. H. Wilson)

1523. Parkview Pharmacy, Inc.
3075 Kernersville Rd. (A. C. Dollar)

989. Professional Building Pharmacy, Inc.
2240 Cloverdale Ave. (H. S. Fox)

2414. Revco Discount Drug Centers
2132 Cloverdale Ave.
(W. C. Brantley)

2413. Revco Discount Drug Centers
116 W. Fourth St. (L. M. Myers)

2412. Revco Discount Drug Centers
Sherwood Plaza Shopping Center
(G. C. Hartis, Jr.)

2472. Revco Discount Drug Centers
3816 Reynolda Rd. (R. H. Marx)

1129. Reynolds Memorial Hospital
741 Highland Ave. (J. D. Quick, Jr.)

2376. Salem Pharmacy
2112 Lexington Rd. (C. F. Speranza)

2433. SupeRx Drugs
Miller St. & Cloverdale Ave.
(G. R. Talbert)

2292. SupeRx Drugs of North Carolina, Inc.
2822 N. Cherry St. Ext.
(J. C. McCowen, III)

801. Walgreen Co.
201 W. Fourth St. (L. E. Ferguson)

WOODLAND—Northampton County

1546. Bolton Drug Co.
(J. C. Bolton, III)

YADKINVILLE—Yadkin County

2383. Lula Conrad Hoots Memorial Hospital**
Main St. (Sue S. Taylor)

1634. Sheek-Taylor Drugs
W. Main St. (Sue S. Taylor)

1319. Yadkin Drug Store
Main St. (E. P. Gaddy)

YANCEYVILLE—Caswell County

2360. Yanceyville Drug Co., Inc.
Main St., N. (T. P. Davis)

ZEBULON—Wake County

2719. Malone Drugs
213 N. Arendell Ave. (J. E. Malone)

1945. Vinson's Pharmacy
(J. B. Vinson)

2559. Zebulon Drug Co., Inc.
123 Arendell Ave.
(G. H. Jones)

List of Registered Pharmacists

April 30, 1971

The registration number immediately precedes the name of the pharmacist. The state of original registration appears in ( ) after the names of those pharmacists registered by reciprocity. The year immediately preceding the location of the pharmacist is the year of registration.

Please notify the Secretary promptly of any errors or change in address.

A

4104. Ackerman, Harvey 1958 Westbury, N. Y.
3767. Adair, H. Y. (S. C.) 1954 Blacksburg, S. C.
4249. Adams, C. E. (S. C.) 1959 Fuquay-Varina
2207. Adams, E. E. 1924 Lincolnton
4986. Adams, F. M. (Pa.) 1966 Pittsburgh, Pa.
3496. Adams, J. W. 1951 Asheville
5500. Adams, R. E. 1970 Hickory
3930. Adams, W. R., Jr. 1956 Wilson
5370. Addison, J. H., III (S. C.) 1969 Gastonia
3357. Adelson, I. (Va.) 1950 Newport News, Va.
5229. Adkins, Martha H. (Mrs.) (Ala.) 1968 Danville, Va.
5237. Adkins, T. W., Jr. (Va.) 1968 Danville, Va.
2974. Adkinson, N. F. 1941 Avondale
3518. Agnew, Ruth Elizabeth (Ga.) 1951 Forest Park, Ga.
3590. Ahlin, Bjorn (S. C.) 1952 Sylva
1784. Aiken, J. H., Jr. 1914 Asheville
4041. Airheart, J. W. (Ga.) 1957 Concord
5156. Akerman, R. D. (Ind.) 1968 Lebanon, Ind.
4831. Akers, Barbara G. (Mrs.) 1965 Beaufort, S. C.
3835. Akins, F. T., Jr. (Ga.) 1955 Signal Mountain, Tenn.
3181. Albright, G. B., Jr. 1947 Salisbury
5501. Albright, G. B., III 1970 Winston-Salem
4675. Alexander, C. B. 1964 Rocky Mount
4786. Alexander, J. L. 1965 Morganton
5502. Alford, Suzanne K. (Mrs.) 1970 Zebulon
4263. Allen, B. T. 1960 New Bern
4782. Allen, D. C. (Ohio) 1965 Sarasota, Fla.
5121. Allen, Dorothy C. 1968 Raleigh
3027. Allen, H. H., Jr. 1943 Cherryville
2865. Allen, J. W. 1939 Charlotte
4658. Allen, Marva Diane (Mrs.) (Mass.) 1963 Akron, O.
5256. Allen, R. J. 1969 Chapel Hill
5181. Allen, S. L., Jr. (S. C.) 1968 Spartanburg, S. C.
3455. Allen, W. F. 1951 Cherryville
2937. Allgood, W. W. 1941 Henderson
4990. Allison, T. M. (Ala.) 1966 Asheville
3847. Alphin, Barbara G. (Mrs.) 1955 Richmond, Va.
4822. Alt, Jewel C. (Mrs.) (Tex.) 1965 Lancaster, Calif.
3961. Altschul, J. A. (Ohio) 1956 Greensboro
4096. Ameen, J. U. (S. C.) 1958 Gastonia
3931. Ammons, D. L. 1956 Salisbury
4505. Ammons, J. A. (Ga.) 1962 Waynesville
3842. Ammons, R. M. 1955 Red Springs
3619. Anders, G. H. 1953 Albuquerque, N. M.
4436. Anderson, A. A. (Ga.) 1961 Stuart, Va.
5188. Anderson, E. G. (1968) Elizabethtown
3280. Anderson, E. R., Jr., 1949 High Point
5487. Anderson, F. S., III (Va.) 1970 Roanoke Rapids
4059. Anderson, J. W. 1958 Virginia Beach, Va.
5155. Anderson, R. J. (Ala.) 1968 Greensboro
4676. Anderson, W. N. 1964 Hickory
2470. Andes, G. E. (Va.) 1929 Wadesboro
3932. Andrews, J. W. 1956 Winston-Salem
1739. Andrews, R. H. 1914 Burlington
4060. Arena, J. E. 1958 Durham
4402. Arena, LuRuth S. (Mrs.) 1961 Durham
4541. Arledge, D. L. (S. C.) 1962 Tryon
4824. Armao, T. H. (Tex.) 1965 Durham

5503. Armentrout, B. S. 1970
Daytona Beach, Fla.
2654. Arnold, B. D. 1933 Raleigh
2048. Arps, E. G. 1921 Plymouth
4190. Artemes, A. L. (S. C.) 1959 Charlotte
5055. Asbed, V. G. (Ky.)
1967 Louisville, Ky.
3875. Ashworth, R. H. 1955 Cary
3415. Atkinson, M. J. (S. C.)
1950 Lumberton
5504. Atwood, C. F. 1970 Jefferson
3163. Aull, Betty H. (Mrs.) 1947
Jonesboro, Ga.
4567. Auman, L. W., Jr. 1963 Walkertown
4150. Austell, R. L. 1959 Shelby
4015. Austraw, R. F. (Md.) 1957
Asheville
5257. Avery, J. W. 1969 Broadway
5065. Aycock, Susan G. (Mrs.) 1967 Wilson
5608. Ayers, D. A. 1971 Walkertown

B

5009. Baber, L. G. 1967 Hendersonville
5609. Badger, J. M. 1971 West Jefferson
4893. Bailey, B. C. 1966 Lake Worth, Fla.
4341. Bailey, C. D. (Va.) 1960 Narrows, Va.
2212. Bain, J. D. 1924 Clayton
3548. Bain, J. D., Jr. 1952 Richmond, Va.
3630. Bain, M. McG. (Tenn.) 1953 Wilson
4677. Baity, J. O. 1964 Greensboro
5385. Baker, J. C. (Ga.) 1970 Goldsboro
4819. Baker, J. R. (S. C.) 1965
Rock Hill, S. C.
3729. Balas, J. B. (Pa.) 1954 Charlotte
4429. Ball, Dorothy R. (Mrs.) 1961
Marietta, Ga.
3986. Ball, H. L. 1957 Marietta, Ga.
2499. Ballance, G. H. 1929 Alexandria, Va.
3964. Bane, G. H. (S. C.) 1956 Lowell
5610. Banner, A. G. 1971 Jonesville
3519. Banner, R. D. (Kan.)
1951 Spruce Pine
5611. Barbee, G. S., III 1971 Elizabeth City
4264. Barber, Cecilia S. (Mrs.) 1960
Richmond, Va.
4265. Barber, R. W. 1960 Raleigh
2405. Barbour, J. P. 1927 Burlington
3988. Barbour, J. P., Jr. 1957 Burlington
4461. Barbour, R. L. 1962 Burlington
3733. Barbrey, H. S., Jr. 1954 Raleigh
2573. Barefoot, L. G. 1931 Shallotte
4062. Barger, C. G. 1958
Lighthouse Point, Fla.
4617. Barker, Beverly T. (Mrs.) 1963
Winston-Salem
4946. Barker, DeW. K., Jr. (Ala.) 1966
Lewisville
5402. Barkley, A. P. 1970 Greensboro
4737. Barnes, G. M. (Mo.) 1964
Sarasota, Fla.
3117. Barnes, H. J. (Miss.) 1946
Portsmouth, Va.
5403. Barnes, J. E. 1970 Greensboro
5111. Barnes, T. W. (S. C.) 1967 Shelby
5112. Barnes, W. L., Jr. (Va.) 1967 Durham
3979. Barnett, C. M. (Va.) 1956 Henderson
3456. Barnett, Frank, Jr. 1951 Henderson
5490. Barnett, F. C. (Ala.) 1970
Fairfield, Ala.
3549. Barnett, Jimmie 1952 Henderson
5232. Barnett, W. M. (Ind.) 1968
N. Palm Beach, Fla.
2462. Barnhardt, M. R. 1928 Rockwell
5189. Barrett, J. H., II 1968 Rocky Mount
1959. Barrett, R. E. 1917 Burlington
4678. Barrett, R. H., II 1964 Jonesville
2912. Barringer, H. A. 1940 Concord
4019. Barringer, J. M. 1957 Carthage
4947. Barta, J. R. (Neb.) 1966
Fremont, Neb.
5322. Bartelme, Rebecca M. (Mrs.) 1969
Durham
4310. Bartlett, J. B. 1960 Bailey
3494. Barton, W. H. (Ga.) 1951
Pleasant Garden
2818. Basart, J. M. 1938 Kinston
5288. Bass, Flema L. (Mrs.) 1969
Wilmington
5404. Bass, W. E., Jr. 1970 Wilson
4777. Bates, E. R. (R. I.) 1964
Providence, R. I.
4572. Batista, Ana Maria (Mrs.) 1963
High Point
4260. Batten, W. M. (W. Va.) 1960
Williamston
5066. Batts, A. D. 1967 Wilmington
5010. Batts, Sara W. (Mrs.) 1967
Wilmington
4769. Baucom, G. W. (Ga.) 1964
Wilmington
5575. Bauer, P. (Ohio) 1970 Cincinnati, Ohio
5067. Baugham, E. L., Jr. 1967 Burlington
3734. Bauguess, C. T., Jr. 1954
Columbia, S. C.
5068. Baxley, R. E. 1967 Goldsboro
4266. Beale, G. W., Jr. 1960 Broadway

4151. Beale, J. J., Jr. 1959 Mooresville
3041. Beam, W. G. 1944 Roanoke, Va.
3550. Beason, R. H. 1952 Boiling Springs
5191. Beatty, D. G. 1968 Shelby
3013. Beavans, S. C. 1943 Enfield
4568. Beaver, D. W. 1963 Concord
3116. Beck, A. L., Jr. (S. C.) 1946 Hendersonville
4832. Beck, H. O., Jr. 1965 Greensboro
3162. Beck, Q. H. (S. C.) 1947 Fletcher
5597. Beck, R. M. (Va.) 1971 Weirton, W. Va.
4507. Beck, Spurgenia R. (Mrs.) (Ga.) 1962 Athens, O.
3151. Beck, W. C. (S. C.) 1946 Hendersonville
3551. Beddingfield, B. B. 1952 Greenville
3073. Beddingfield, C. H., Jr. 1945 Clayton
5258. Belatti, Michaeline Ann (Mrs.) 1969 Jacksonville
5596. Belflower, Janet D. (Md.) 1971 Chapel Hill
4463. Bell, B. M. 1962 Gastonia
4464. Bell, C. D. 1962 Winston-Salem
2571. Bell, D. W., Jr. 1931 Washington, D. C.
2551. Bell, H. C. 1930 Gastonia
5011. Bell, L. P., Jr. 1967 Winston-Salem
2725. Bell, L. R. 1936 Tarboro
5069. Bell, Mary Lynn McC. (Mrs.) 1967 Winston-Salem
3602. Belton, C. N. (Ga.) 1952 Mt. Airy
4679. Bender, Deane H. (Mrs.) 1964 Fayetteville
4569. Bender, G. W. 1963 Fayetteville
2458. Bender, W. M. K. 1928 Fayetteville
5012. Bennett, C. C., Jr. 1967 Apex
3361. Bennett, D. L. 1950 Albemarle
1638. Bennett, K. E. 1912 Bryson City
4889. Bennett, R. A., Jr. (S. C.) 1966 Greenville, S. C.
3552. Bennick, J. E. 1952 Lenoir
3281. Benson, H. O. 1949 Thomasville
3867. Benson, L. M., Jr. (S. C.) 1955 Charlotte
4465. Benthall, A. W. 1962 Elizabeth City
5323. Bentley, W. C. 1969 Durham
5376. Berg, Allan 1969 (Ill.) Hendersonville
5505. Bess, T. H. 1970 Gastonia
2128. Best, J. H. 1923 Greensboro
4311. Bialick, S. L. 1960 Somerset, N. J.
3924. Bias, W. C. (W. Va.) 1956 Wadesboro
5405. Bieber, P. S. 1970 High Point
5506. Biggerstaff, C. R. 1970 Chapel Hill
3004. Biggs, J. W. S. 1942 Greenville
3864. Bishop, E. L., Jr. (Miss.) 1955 Asheville
4267. Bishop, R. E. 1960 Burgaw
3782. Bissett, D. H. 1955 Lumberton
3186. Bissette, P. B., Jr. 1947 Wilson
3614. Bius, J. H. (Ga.) 1953 Live Oak, Fla.
2002. Bizzell, H. L. 1920 Charlotte
5456. Bizzell, J. W. (S. C.) 1970 Wallace
3187. Black, Eleanor H. (Mrs.) 1947 Ormond Beach, Fla.
2454. Black, F. L. 1928 Stanley
5051. Black, Linda W. (Mrs.) (Ala.) 1967 Birmingham, Ala.
3783. Black, W. E. 1955 Walnut Creek, Calif.
5598. Blackmore, N. W. (Ind.) 1971 Thunderbolt, Ga.
5047. Blackney, B. R. (N. D.) 1967 Charlotte
2340. Blades, M. W. 1926 Apex
4929. Blair, V. A. (Ark.) 1966 Fribourg, Switzerland
4943. Blake, H. E., Jr. 1966 (S. C.) Burlington
5507. Blalock, G. A., Jr. 1970 Rockingham
4512. Blanchard, N. P., Jr. 1962 Birmingham
3647. Bland, J. F. 1953 High Point
4020. Bland, Miriam L. 1957 Sanford
4996. Blankenship, D. C. (S. C.) 1967 Rock Hill, S. C.
3648. Blanton, C. D., Jr. 1953 Kings Mountain
4857. Blanton, L. C. 1965 Greensboro
3830. Blanton, R. P. (S. C.) 1955 Marion
5386. Bleadingheiser, J. E. (Ohio) 1970 Chapel Hill
5259. Bliss, G. K. 1969 Charlotte
5220. Bliss, Jean W. (Mrs.) 1968 Charlotte
4757. Bloom, B. M. (S. C.) 1964 Isle of Palms, S. C.
4870. Bloom, Patricia L. (Mrs.) (S. C.) 1965 Isle of Palms, S. C.
4954. Blount, J. G. 1966 Edenton
2977. Blower, Anna Burks (Mrs.) 1941 Akron, O.
1980. Bobbitt, A. B. 1919 Winston-Salem
2671. Bobbitt, H. F. 1934 Glen Alpine
3118. Boger, R. A. (Ga.) 1946 New Bern
5192. Bolick, H. A. 1968 Hudson

2409. Bolinger, C. E. (Ga.) 1927 Asheville
4105. Bolton, J. C., III, 1958 Woodland
2575. Bolton, R. B. 1931 Rich Square
1721. Bonner, Brem 1913 Dunedin, Fla.
3784. Brooker, Elsie H. (Mrs.) 1955 Durham
5013. Boone, W. S. 1967 Greensboro
3042. Boone, W. T. 1944 Ahoskie
2708. Booth, G. D. (S. C.) 1936 Durham
3014. Borders, M. L., Jr. 1943 Chadbourn
4513. Bornmann, S. D. 1962 Asheville
4228. Borodkin, Yung Oh (Mrs.) 1959 Libertyville, Ill.
3649. Bostian, T. R. 1953 Kannapolis
4152. Bostic, R. A. 1959 Beulaville
3423. Boulware, R. H. (S. C.) 1951 Rock Hill, S. C.
5251. Boutwell, L. W. (N. Y.) 1969 Clay, N. Y.
4371. Bowen, N. G. 1961 Roxboro
3331. Bowers, J. C. 1950 Lincolnton
4312. Bowers, J. R. 1960 Bethel
2828. Bowman, C. E. 1938 Conover
1843. Boyce, J. B., Jr. 1915 Warrenton
4313. Boyd, A. C. 1960 Kenly
4243. Boyd, J. H. (S. C.) 1959 Lumberton
4955. Boyd R. W. 1966 Mount Olive
2845. Boyd, S. B. 1939 Mt. Olive
3450. Boyd, W. T. (Wyo.) 1951 Winston-Salem
5576. Boyer, J. M. (Ohio) 1970 Kettering, Ohio
5612. Boyette, D. R. 1971 Chapel Hill
5508. Boykin, M. A. 1970 Rocky Mount
3362. Boyles, J. H. 1950 Atlanta, Ga.
4787. Boyles, V. I., Jr., 1965 Statesville
4680. Bracey, D. G. 1964 Long Beach, Calif.
4351. Bracker, D. C. (Pa.) 1960 Greensboro
5406. Bradburn, W. H., Jr. 1970 Shelby
4776. Braddy, C. E. (S. C.) 1964 Salisbury
4681. Bradley, J. W., III 1964 Raleigh
3735. Bradley, W. V., Jr. 1954 Concord
4421. Bradshaw, C. F. 1961 Tarboro
2384. Bradshaw, E. L. 1927 Kinston
3843. Bradshaw, E. L., Jr. 1955 Kinston
4466. Bradsher, A. L., Jr. 1962 Roxboro
4016. Bradsher, H. T. (Mo.) 1957 High Point
5509. Brady, W. E. 1970 Greensboro
3698. Braman, W. C. (La.) 1954 Asheville
2650. Brame, M. M. 1933 Walnut Cove
2772. Brame, P. A. 1937 N. Wilkesboro
2959. Brame, R. M., Jr. 1941 N. Wilkesboro
4153. Branan, C. L. 1959 Winston-Salem
4535. Branch, P. E. (Tenn.) 1962 Banner Elk
3544. Brandon, L. R. (S. C.) 1952 Hildebran
4415. Brannon, J. L., Jr. (Ill.) 1961 Greenwood, Ind.
2534. Brantley, J. C., Jr. 1930 Raleigh
3259. Brantley, W. C. 1949 Winston-Salem
4549. Braswell, J. W. (S. C.) 1962 Chesterfield, S. C.
3271. Brauer, Evelyn S. (Mrs.) 1949 Jersey City, N. J.
4143. Brazell, M. B. (Ga.) 1959 Warner Robins, Ga.
3701. Brecht, Dorothy V. (Minn.) 1954 Minneapolis, Minn.
3069. Brecht, E. A., Jr. 1944 Monroe, La.
4662. Brennecke, S. H. (S. C.) 1963 Gastonia
4942. Brett, S. E. (Ga.) 1966 Roanoke, Va.
5321. Brewer, Alice B. (Mrs.) 1969 Waynesville
3028. Brewer, Marsha H. (Mrs.) 1943 Pink Hill
3031. Brewer, S. O., Jr. 1943 Durham
3773. Bridges, A. R. (Ga.) 1954 Rutherfordton
5656. Briner, W. H. (Pa.) 1971 Durham
3225. Brinkley, C. S. 1948 Kernersville
3488. Brisson, Edward (S. C.) 1951 St. Pauls
3427. Brisson, L. C. 1951 Fayetteville
4645. Bristol, E. L. (S. C.) 1963 Mt. Airy
3135. Britt, G. H. 1947 Garner
3276. Britt, W. O., Jr. (Ga.) 1949 Durham
4498. Britton, L. B., Jr. (S. C.) 1962 Greenville, S. C.
5122. Brogden, Diane B. (Mrs.) 1968 Saluda
5193. Brogden, H. L. 1968 Saluda
3553. Brooks, B. C. 1952 Fayetteville
5510. Brooks, D. G. 1970 San Antonio, Texas
3785. Brooks, F. G., Jr. 1955 Siler City
4833. Brooks, G. J., Jr. 1965 Siler City
5100. Brooks, H. D. (S. C.) 1967 Pembroke
3124. Brooks, H. R. 1946 Sanford
5325. Brooks, Marilyn R. (Mrs.) 1969 Durham
5407. Brooks, W. J., Jr. 1970 Kings Mountain
3363. Brookshire, J. E. 1950 Charlottesville, Va.
3015. Brookshire, L. B. 1943 Asheville
2208. Brookshire, L. P. 1924 Asheville

3428. Brothers, A. E. 1951 Elizabeth City
5408. Brothers, Pamela McD. (Mrs.) 1970 Raleigh
3089. Brown, C. G. (Ga.) 1944 Roanoke, Ala.
5260. Brown, D. F. 1969 Gastonia
5014. Brown, E. G., Jr. 1967 Whitesville
3190. Brown, Ellen M. (Mrs.) 1947 Greensboro
3554. Brown, E. T. 1952 Concord
4106. Brown, H. P. 1958 High Point
5613. Brown, H. S., Jr. 1971 Chapel Hill
3157. Brown, J. H. (Ga.) 1946 China Grove
3019. Brown, Mary L. (Mrs.) 1943 Pompano Beach, Fla.
3982. Brown, M. L. (Colo.) 1957 Fletcher
4682. Brown, R. M. 1964 Rocky Mount
4610. Brown, R. N. (S. C.) 1963 Richmond, Va.
3226. Brown, W. C. 1948 Greensboro
2913. Browning, A. C. 1940 Greensboro
1394. Browning, B. H. 1908 Littleton
4268. Browning, J. F., Jr. 1960 Greensboro
4467. Browning, Sarah U. (Mrs.) 1962 Richardson, Tex.
3643. Bruce, E. W. (S. C.) 1953 Charlotte
4063. Brummitt, R. E. 1958 Chapel Hill
5591. Bruscato, Gene (La.) 1971 Clarksdale, Miss.
5071. Bryan, H. D. 1967 Burgaw
3498. Bryant, Alvin 1951 Durham
5511. Bryant, J. B. 1970 Washington
4380. Bryson, Nancy F. (Mrs.) 1961 Indianapolis, Ind.
4372. Bryson, V. D. 1961 Indianapolis, Ind.
4506. Bubin, B. J. (Tenn.) 1962 Hinsdale, Ill.
5238. Bucci, F. A. (N. Y.) 1969 Woodstock, N. Y.
3445. Buchanan, Christine T. (Mrs.) 1951 Raleigh
2808. Buchanan, E. C. 1938 Kinston
5614. Buchanan, E. C. 1971 Columbus, Ohio
2645. Buchanan, E. W. 1933 Greensboro
2352. Buchanan, G. G. 1926 Greensboro
4570. Buchanan, G. R. 1963 Greensboro
5072. Buchanan, J. R. 1967 Rocky Mount
2676. Buchanan, R. A. 1934 Greensboro
4051. Buckner, W. B. (S. C.) 1957 Statesville
5580. Buice, R. G. (Ga.) 1970 Gainesville, Ga.
4154. Buie, W. M. 1959 Winston-Salem
2779. Bullard, R. E. 1937 Spring Lake
4269. Bullock, B. W. 1960 Durham
4155. Bullock, J. C., Jr. 1959 Wilmington
5123. Bumgardner, Martha C. (Mrs.) 1968 Charlotte
4064. Bumgardner, Shirley W. 1958 Suffolk, Va.
2651. Bunch, L. E. 1933 St. Thomas, V. I.
3968. Bundy, J. A. (S. C.) 1956 High Point
4872. Bunin, J. T. (N. J.) 1965 Richmond, Va.
2745. Bunn, R. S. 1936 Elizabeth City
4054. Burch, E. U. (Ga.) 1958 Andrews
4559. Burch, V. G. (Ga.) 1962 Asheville
5512. Burch, W. H. 1970 Durham
4560. Burford, W. H. (W. Va.) 1963 Gastonia
3898. Burgiss, T. R. 1956 Sparta
2259. Burgiss, T. R. 1925 Sparta
5409. Burleson, K. W. 1970 High Point
3016. Burnett, J. P., Jr. 1943 Rocky Mount
4443. Burney, H. M. (D. C.) 1961 Winston-Salem
4956. Burnham, Laura G. (Mrs.) 1966 Winston-Salem
3555. Burris, L. R., Jr. 1952 Valdese
4683. Burroughs, M. W. 1964 Fayetteville
3228. Burrus, B. M. 1948 Canton
3984. Burson, J. D. (Ala.) 1957 Reidsville
2544. Burt, M. S. 1930 Durham
5513. Burton, J. F. 1970 Greensboro
4438. Burton, J. T. (Ga.) 1961 Atlanta, Ga.
3526. Busbee, J. A. (S. C.) 1951 Claremont
5410. Busbee, J. R. 1970 Claremont
3520. Bush, W. E. (Ga.) 1951 Prairie Village, Ka.
1872. Butler, A. B. 1916 Clinton
5514. Butler, C. R. 1970 Chapel Hill
4204. Butler, J. G. 1959 Shelby
3008. Butler, Josephine E. (Mrs.) 1942 Gainesville, Fla.
5261. Butler, Linda L. (Mrs.) 1969 Chapel Hill
4107. Butler, R. D. 1958 Tryon
2450. Bynum, C. W. 1928 New Bern
5411. Byrd, R. E. 1970 Virginia Beach, Va.

C

4413. Caddell, B. C., Jr. (S. C.) 1961 Oakboro
5073. Cagle, S. W. 1967 Henderson
2473. Cain, C. M. (S. C.) 1929 Henrietta

2050. Cain, L. D. 1921 Concord
5383. Caiola, Judith S. (Mrs.) (Ohio) 1969 Chapel Hill
5297. Caiola, S. M. (Ohio) 1969 Chapel Hill
4363. Caisse, G. W. (Mass.) 1961 St. Petersburg, Fla.
4514. Caldwell, H. C., Jr. 1962 Mooresville
4142. Calhoun, Katherine D. (Mrs.) (S. C.) 1959 Lake Junaluska
4409. Calhoun, R. M. (S. C.) 1961 High Point
3364. Callahan, Virginia L. (Mrs.) 1950 Asheville
3876. Callicutt, R. D. 1955 High Point
5074. Cameron, J. E. III 1967 Grifton
3989. Cameron, Marcus 1957 Sanford
2637. Cameron, W. L. (S. C.) 1933 Vass
5015. Cameron, W. S. 1967 Lillington
3651. Campbell, C. C. 1953 Maiden
2962. Campbell, E. G., Jr. 1941 Rocky Mount
2219. Campbell, F. E. 1924 Hamlet
1894. Campbell, H. T. 1916 Maiden
5318. Campbell, J. A. (S. C.) 1969 Durham
3260. Campbell, Lena Silver (Mrs.) 1949 Washington, D. C.
1955. Campbell, R. B. 1917 Taylorsville
3652. Campbell, R. B., Jr., 1953 Taylorsville
3051. Canaday, M. S. 1944 Four Oaks
3125. Canipe, J. C., Jr. 1946 Germantown, Tenn.
4684. Capes, K. D. 1964 Haw River
5515. Capps, E. U. 1970 Chapel Hill
2502. Cardell, J. C. 1929 Dunedin, Fla.
5371. Carlone, M. F. (N. Y.) 1969 Chapel Hill
5615. Carpenter, B. L. 1971 Troy
4571. Carpenter, C. B. 1963 Conover
4957. Carr, R. L. 1966 Rose Hill
4065. Carraway, E. L., Jr. 1958 Windsor
4156. Carraway, Loretta J. (Mrs.) 1959 Windsor
4061. Carriker, Loretta B. (Mrs.) 1958 Charlotte
3641. Carroll, G. L. (S. C.) 1953 Wilmington
2617. Carroll, W. W. 1932 Dunn
3499. Carson, Barbara B. (Mrs.) 1951 Greenville, S. C.
5182. Carson, Beverly F. (Va.) 1968 Roanoke Rapids
4738. Carson, C. W. (S. C.) 1964 Greenville, S. C.
2331. Carswell, A. P. 1926 Durham
3017. Carswell, J. H. 1943 Chapel Hill
4834. Carter, C. W. 1965 Greenville
4108. Carter, D. K. 1958 Raleigh
5173. Carter, G. M. (Ga.) 1968 Albuquerque, N. M.
5326. Carter, J. K. 1969 Mocksville
4205. Carter, L. C. 1959 Four Oaks
3556. Carter, L. H. 1952 Asheboro
3457. Carter, R. E., Jr. 1951 Wilmington
3844. Carter, W. A. 1955 Gastonia
3084. Caruthers, M. R. 1945 Burlington
3871. Cash, J. E. (S. C.) 1955 Gastonia
5516. Casper, R. Y. 1970 Durham
2900. Caudill, Altajane H. (Mrs.) 1940 Elizabethton, Tenn.
3365. Caudill, Jane B. (Mrs.) 1950 Fuquay-Varina
3164. Caudle, Lexie V. 1947 Winston-Salem
2831. Causey, J. H. 1938 Rutherford College
3283. Cavanaugh, S. MacD. 1949 Rose Hill
4206. Caviness, Edith Ann 1959 Erwin
4573. Cekada, E. L. 1963 Fort Definance, Ariz.
4772. Center, R. G. (Ill.) 1964 Highland, Ill.
5222. Chambers, M. A. (Tex.) 1968 Chapel Hill
4618. Chamblee, F. C. 1963 Carrboro
2274. Champion, H. O. 1925 Waynesville
5377. Chancellor, H. P. (Ala.) 1969 Sylva
3429. Chandler, J. W. 1951 Eden
4066. Chandler, Peggy B. (Mrs.) 1958 Concord
5194. Chandler, W. G. 1968 N. Augusta, S. C.
2920. Chandley, A. B. 1940 Asheville
4110. Chapman, D. K. 1958 Winston-Salem
2744. Chapman, H. C. 1936 Durham
1775. Chappell, J. C. 1914 Raleigh
4021. Charles, F. R. 1957 Charlotte
4022. Charney, G. B. 1957 Dover, N. J.
5255. Chepenik, Leslie B. (Mrs.) (Ala.) 1969 Winston-Salem
4934. Cherry, Florence C. (Mrs.) (Ga.) 1966 Statesville
4023. Cherson, Arnold 1957 Greensboro
5395. Cheskis, R. M. (Pa.) 1970 Fayetteville
4894. Chester, Linda (Mrs.) 1966 Lenoir
4270. Christensen, C. V. 1960 Charlotte
4271. Chronister, D. L. 1960 Hickory
2683. Clapp, E. B. 1934 Newton
4301. Clark, D. C. (S. C.) 1960 Boonville
2978. Clark, G. E. 1941 Warsaw

4373. Clark, H. M. 1961 Goldsboro
5517. Clark, J. R. 1970 Sawyer AFB, Mich.
2341. Clark, W. A. 1926 Hope Mills
3786. Clarkin, J. R., Jr. 1955 Hamlet
4157. Clay, A. S. 1959 Fuquay-Varina
4315. Clay, J. B. 1960 Oxford
2392. Clayton, A. W., Jr. 1927 Durham
3229. Claytor, D. D. 1948 Greensboro
3557. Clelland, Alec W., Jr. 1952 Fayetteville
3921. Clelland, Susan O. (Mrs.) (S. C.) 1956 Fayetteville
4354. Clifton, W. H. (S. C.) 1960 Taylors, S. C.
3670. Clinard, Betty S. (Mrs.) 1953 Charlotte
2205. Cline, C. E. 1924 New Orleans, La.
5412. Cline, E. L. 1970 Hickory
1999. Cline, F. H. 1920 Charlotte
3459. Clodfelter, W. A., Jr. 1951 Goldsboro
3492. Cloer, R. A. (Ga.) 1951 Franklin
4788. Cloninger, G. V. 1965 Gastonia
4608. Clow, J. W. (N. D.) 1963 Smithfield
5616. Coan, Judith K. (Mrs.) 1971 Chapel Hill
4895. Coats, L. E. 1966 Raleigh
3353. Cobb, T. E. (Ala.) 1950 Salisbury
4410. Cobb, W. R. (Ala.) 1961 Greensboro
5195. Coberly, R. W. 1968 Durham
3603. Coble, G. S. (S. C.) 1952 Stanley
2608. Coble, J. C. 1932 Greensboro
5075. Coble, W. T., Jr. 1967 Roxboro
5075. Coble, T. W., Jr. 1967 Durham
3620. Cocolas, G. H. 1953 Chapel Hill
5263. Cody, W. D. 1969 Mars Hill
3500. Coffee, H. M. 1951 Thomasville
4858. Coffey, R. D. 1965 Mooresville
3558. Cogdell, H. P. 1952 Goldsboro
3787. Cohen, R. I. 1955 Kinston
3653. Cole, A. F., Jr. 1953 Roxboro
2226. Cole, T. R. (Ga.) 1924 Greenville
4040. Coleman, C. C. (Va.) 1957 Raleigh
3990. Coleman, R. A. 1957 Haw River
4462. Coley, Barbara B. (Mrs.) 1962 Rocky Mount
4024. Coley, W. N. 1957 Raeford
2886. Colina, G. D. (S. C.) 1940 Charlotte
3091. Collette, R. W. (S. C.) 1945 Mocksville
4574. Collette, R. W., Jr. 1963 Mocksville
4685. Collias, Nick 1964 Charlotte
4338. Collier, B. J. (Ark.) 1960 Jacksonville
3085. Collier, Halcyone B. 1945 St. Petersburg, Fla.
3366. Collier, W. T. 1950 Greenville, S. C.
3284. Collins, B. F., Jr. 1949 Greensboro
3288. Collins, Doris G. (Mrs.) 1949 Greensboro
5518. Collins, L. G., Jr. 1970 Wilmington
4896. Coln, W. G. 1966 Flemington, N. J.
4067. Comstock, S. E. 1958 Belmont
2542. Connell, J. P. B. 1930 Henderson
4958. Connelly, F. A. 1966 Black Mountain
4948. Connelly, M. L., Jr. (S. C.) 1966 Stone Mountain, Ga.
4686. Cook, B. E. 1964 Greensboro
1981. Cooke, D. B. (Tenn.) 1919 Weldon
2876. Cooke, H. M., Jr. 1939 Winston-Salem
4101. Cooke, Lucius (S. C.) 1958 Statesville
4575. Cooke, Mary S. (Mrs.) 1963 Greensboro
4193. Cooley, G. A. (Va.) 1959 Fredericksburg, Va.
4468. Cooper, G. S. 1962 Lexington
4605. Cooper, R. D. (S. C.) 1963 Charlotte
5460. Coopman, R. D. (Wis.) 1970 Scottsdale, Ariz.
4283. Copeland, Joanne B. (Mrs.) 1960 Fayetteville
4897. Coppage, R. L. 1966 Waynesville
4272. Coppedge, R. F., Jr. 1960 Asheville
4068. Copses, C. P. 1958 Charlotte
4422. Copses, J. P. 1961 Charlotte
3107. Corbett, Muriel U. (Mrs.) 1945 Lake Charles, La.
4137. Corbitt, H. V. (Ga.) 1958 Gastonia
2777. Cornwell, A. H. 1937 Lincolnton
5617. Cornwell, G. D. 1971 Lincolnton
2669. Cornwell, G. T. 1934 Morganton
4959. Corripio, J. J. 1966 Miami, Fla.
3075. Corwith, F. H. 1945 Southampton, N. Y.
5378. Costin, A. M. (S. C.) 1969 Dunn
5196. Cotten, R. W. 1968 Raleigh
4988. Cottongim, J. C. (Ky.) 1966 Corbin, Ky.
4069. Courts, B. C. 1958 Chapel Hill
4111. Courts, Ellyn G. 1958 Chapel Hill
5519. Covalinski, Mary N. (Mrs.) 1970 Morganton
4892. Cover, R. E. (Pa.) 1966 Charlotte
5664. Covert, N. T. (Va.) 1971 Elizabeth City

4207. Cowan, L. B. 1959 Sylva
4273. Cowan, M. R. 1960 Washington
3140. Cowan, W. L. (S. C.) 1946 Forest City
4253. Coward, B. T. (S. C.) 1959 Landis
5657. Cox, G. W., Jr. (S. C.) 1971 Spartanburg, S. C.
1452. Cox, M. H. 1909 Asheville
4739. Cox, R. L. 1964 Sanford
4441. Cox, R. L. (W. Va.) 1961 Raleigh
2138. Cox, R. O. (Mich.) 1923 Winston-Salem
2925. Cox, Rupert 1940 Dunn
2992. Cox, Ruth M. (Mrs.) 1942 Winston-Salem
3252. Craft, R. E. (S. C.) 1948 Gastonia
4607. Craig, Jean B. (Tenn.) 1963 Vestal, N. Y.
2825. Craig, L. B. 1938 Aberdeen
3640. Craig, W. D., Jr. (S. C.) 1953 Charlotte
2276. Craig, W. F. 1925 Charlotte
4983. Crane, R. M. (Ill.) 1966 Raleigh
4960. Cranford, D. M. 1966 Asheboro
2864. Crawford, H. D. 1939 Black Mountain
5197. Crawford, J. S. 1968 Old Fort
5449. Crawley, H. K., III (Tex.) 1970 Chapel Hill
5153. Creasman, D. L. (Tenn.) 1968 N. Wilkesboro
4374. Creech, H. W. 1961 Thomasville
2822. Creech, J. L. 1938 Smithfield
4935. Creech, J. A., Jr. (Ga.) 1966 Selma
2699. Creech, L. R. 1935 Oxford
3736. Creech, W. G. 1954 Smithfield
3933. Creekmore, R. L. 1956 Riegelwood
3834. Creticos, S. P. (S. C.) 1955 Charleston, S. C.
4158. Crevar, G. E. 1959 Bloomfield, N. J.
3608. Crispens, W. E. (Md.) 1952 Charlottesville, Va.
5264. Critcher, Elizabeth C. 1969 Charlotte
4246. Crocker, A. A., Jr. (S. C.) 1959 Laurens, S. C.
5618. Crocker, R. L. 1971 Rocky Mount
4188. Croft, C. D. (Ala.) 1959 Belmont
2752. Cromley, R. I. (Ga.) 1937 Raleigh
4208. Cromley, R. I., Jr. 1959 Raleigh
4258. Crosby, E. D. (S. C.) 1960 Walterboro, S. C.
4366. Crosby, W. L. (S. C.) 1961 Drexel
5190. Crouch, Judith B. (Mrs.) 1968 Greensboro
4469. Crouch, P. F. 1962 Asheville
5327. Crow, L. W. 1969 N. Wilkesboro
3169. Crowe, D. F. (Ga.) 1947 Oteen
5450. Crowe, E. W. (Ga.) 1970 Conyers, Ga.
2773. Crowell, C. M., Jr. 1937 Mooresville
2681. Crumpler, L. H. 1934 Raleigh
4070. Crumpler, W. A. 1958 New Bern
2001. Crutchfield, T. G. 1920 Greensboro
4821. Cuicchi, A. C. (Miss.) 1965 Cockeysville, Md.
4961. Culbertson, J. B. 1966 Yorktown, N. Y.
1609. Culpepper, F. D. 1911 Louisburg
5116. Cummings, Mary V. L. (Va.) 1968 Martinsville, Va.
5461. Curran, P. A. (Mich.) 1970 Muskegon, Mich.
4880. Curry, J. B., Jr. (S. C.) 1965 Greenville, S. C.
2464. Curtis, J. R. 1928 Bessemer City
3789. Curtis, T. E. 1955 Spartanburg, S. C.

D

5520. Dagenhart, C. T., Jr. 1970 Charlotte
5619. Dalmas, J. D. 1971 Morganton
3076. Dameron, H. G. 1945 Tabor City
5328. Dameron, R. G. 1969 Tabor City
2863. Daniel, A. G. 1939 Portsmouth, Va.
5253. Daniels, Betty M. (Va.) 1969 Chapel Hill
3654. Daniels, H. H. 1953 Ahoskie
4656. Daniels, L. A. (W. Va.) 1963 Bartow, Fla.
3136. Dantzler, S. A. (S. C.) 1946 Skyland
5113. Danz, J. L. (S. C.) 1968 Charlotte
2830. Darden, R. J. 1938 Clinton
2099. Darlington, J. M. (Va.) 1922 Winston-Salem
4375. Daughtry, B. P. 1961 Phoenixville, Pa.
4423. Daughtry, R. L. 1961 Beaufort
3033. David, J. P. 1943 Columbia
4687. Davis, A. H. 1964 Winston-Salem
3367. Davis, A. L. 1950 Statesville
2888. Davis, C. E., Jr. (S. C.) 1939 Tryon
4898. Davis, C. M., Jr. 1966 Morganton
2343. Davis, D. R. 1926 Williamston
4112. Davis, D. R., Jr. 1958 Williamston
5521. Davis, G. I. 1970 Wilson
4576. Davis, G. W., Jr. 1963 New Bern
4619. Davis, J. B. 1963 Albemarle
5124. Davis, J. C. 1968 Kenly
4688. Davis, J. D. 1964 Yanceyville

4689. Davis, J. L. 1964 High Point
1740. Davis, J. W. 1914 Edenton
2965. Davis, McDonald, Jr. 1941 Smithfield
2855. Davis, M. L. 1939 Elm City
4376. Davis, T. P. 1961 Yanceyville
3533. Davis, W. E. 1952 Reidsville
4515. Davis, W. I. 1962 Raleigh
3934. Dawkins, W. A., Jr. 1956 Poplar Bluff, Mo.
4936. Dawson, Gertrude R. (Mrs.) (Ind.) 1966 Charlotte
4887. Dawson, J. A., Jr. (Ind.) 1966 Charlotte
3559. Day, H. V. 1952 Spruce Pine
4690. Deadwyler, C. R., Jr. 1964 Salisbury
5265. Deal, D. W. 1969 Shelby
2281. Deal, H. M. 1925 Lenoir
5522. Deal, T. E. 1970 Chapel Hill
5330. Dean, Alice O. 1969 Greensboro
3690. Dean, F. S. (S. C.) 1953 Lumberton
3897. Dean, J. A. (Ga.) 1956 Asheboro
5592. Deans, John (Pa.) 1971 Southern Pines
5620. Deans, W. P. 1971 Wilson
3832. Deaton, C. E. 1955 Liberty
4209. Deaton, D. J. 1959 Martinsville, Va.
4577. Deaton, J. F., Jr. 1963 Liberty
4362. Deavers, W. T. (La.) 1961 Charlotte
5413. DeCaron, B. B. 1970 Kannapolis
3119. Dees, R. R. 1946 Burgaw
5588. Del Castilho, R. E. (Md.) 1970 Jacksonville
4128. DeLozier, T. M. (Tenn.) 1958 Robbinsville
3368. Dement, W. T. 1950 Oxford
4692. Denning, L. E. 1964 Coats
2476. Dennis, C. M. (S. C.) 1928 Shelby
4210. Denny, K. E. 1959 Pfafftown
3790. Denson, M. D. 1955 Burlington
3176. Dente, M. A. (N. J.) 1947 Charlotte
4953. de Ojalvo, S. B. B. 1966 Brooklyn, N. Y.
5387. Derr, R. U. 1970 Washington
5658. Derrick, B. O., Jr. (S. C.) 1971 Cola, S. C.
2832. Dever, J. H. 1938 Greensboro
3877. Dever, R. J. 1955 Eden
4899. Devereux, Jerry S. (Mrs.) 1966 Charlotte
3501. Dewar, R. L. 1951 La Grange
4548. Dickerson, J. B. (Ga.) 1962 Athens, Ga.
5604. Dieterle, B. D. (Ariz.) 1971 Durham
3935. DiFazio, Constance (Mrs.) 1956 Charlottesville, Va.
2386. Dill, G. W., Jr. 1927 Morehead City
4211. Dillard, G. J. 1959 Graham
2923. Dillon, H. E. 1940 Elkin
3369. Dimmick, G. B., Jr., 1950 Charlotte
3143. Dingler, K. L. 1946 Shelby
4159. Dixon, C. T. 1959 Newton
4470. Dixon, S. G. 1962 Goldsboro
4377. Dockery, W. P. 1961 Hickory
2600. Dodd, C. N. (Va.) 1932 Wake Forest
4962. Doggett, W. C. 1966 Greensboro
3560. Dollar, A. C., Jr. 1952 Winston-Salem
3655. Dollar, L. C. 1953 Apex
5491. Dolman, R. W. (Texas) 1970 Houston, Texas
4200. Donnelly, T. M. (Tenn.) 1959 Asheville
3676. Douglas, F. L. (La.) 1953 Winston-Salem
3607. Dover, B. F. (Ga.) 1952 Memphis, Tenn.
3824. Dover, H. J. (Ala.) 1955 Asheville
1911. Dowdy, D. A. 1917 High Point
3737. Dowdy, D. A., Jr. 1954 High Point
4316. Dowdy, D. C. 1960 Greensboro
3431. Dowdy, J. H. 1951 High Point
3991. Doyle, L. B., Jr. 1957 Roanoke Rapids
5462. Draugelis, W. A. (Ohio) 1970 Dayton, Ohio
4736. Duane, J. P. (S. C.) 1964 Charleston, S. C.
4731. DuBose, Mary S. (Mrs.) (S. C.) 1964 Chesnee, S. C.
2702. Dudley, W. G., Jr. 1935 Reidsville
4212. Duggins, J. S. 1959 Asheboro
2964. Duguid, Helen W. 1941 Kinston
3561. Dukes, W. S. 1952 Greensboro
5607. Duman, J. B. (N. Y.) 1971 Wendell
5091. Duncan, Margaret S. (Mrs.) 1967 Maxton
4651. Duncan, N. W. (S. C.) 1963 Maxton
5479. Dunfee, N. L. (Ohio) 1970 Raleigh
5593. Dunham, Alice N. (Mrs.) (Ohio) 1971 Durham
3878. Dunlap, H. H., Jr. 1955 Siler City
3502. Dunlap, R. H. 1951 Winston-Salem
4516. Dunn, E. M. 1962 Columbia, S. C.
3978. Dunn, M. O. (Va.) 1956 Bristol, Tenn.
5045. Durand, E. M. (Va.) 1967 Norfolk, Va.
1961. Durham, C. T. 1917 Chapel Hill
4173. Dutton, Christine M. (Mrs.) 1959 Fayetteville

4113. Dutton, G. R. 1958 Hickory
4378. Dutton, M. W. 1961 Lincolnton
3738. Duvall, C. J. 1954 Brevard

E

2791. Eadie, E. B. (S.C.) 1938 Charlotte
5198. Eakins, Janet L. 1968. Chillicothe, O.
4349. Eakle, A. F. (W. Va.) 1960 Mooresville
4693. Eargle, Carol C. (Mrs.) 1964 Boone
2712. Easley, Willa V. (D. C.) 1935 Henderson
4900. Eason, W. G. 1966 Rocky Mount
3114. Eberly, M. D. (Ind.) 1946 St. Petersburg, Fla.
5064. Eckel, F. M. (Ohio) 1967 Chapel Hill
3093. Edmonds, G. H. (S. C.) 1944 Greensboro
2891. Edmonds, M. M. (Mo.) 1940 Greensboro
4071. Edmondson, E. W. 1958 New Bern
5414. Edmunds, J. B. 1970 Charlotte
3094. Edwards, G. B. (Ga.) 1944 Wake Forest
5306. Edwards, G. M. (S. C.) 1969 Monroe
5523. Edwards, J. A., Jr. 1970 Raleigh
3491. Edwards, J. C. (Ala.) 1951 Wilmington
3286. Edwards, J. W. 1949 Winston-Salem
5451. Edwards, Judith D. (Mrs.) (Tex.) 1970 Rusk, Texas
5524. Edwards, Kathryn G. (Mrs.) 1970 Raleigh
2867. Edwards, L. K., Jr. 1939 Stantonsburg
4318. Edwards, P. F. 1960 Whiteville
4553. Edwards, R. L. (S. C.) 1962 Rutherfordton
4789. Edwards, R. W., Jr. 1965 Goldsboro
2940. Edwards, S. McD., Jr. 1941 Ayden
1922. Edwards, S. McG. 1917 Ayden
5621. Efird, R. L. 1971 Chapel Hill
5622. Efird, R. W. 1971 Denton
4517. Egbert, J. M. 1962 Greensboro
5415. Eggers, J. D. 1970 Wallace
3919. Eidam, B. H., Jr. (Ga.) 1956 Waynesville
4126. Eidam, Carol P. (Mrs.) (Ga.) 1958 Waynesville
4938. Elder, J. A. (Miss.) 1966 High Point
4379. Elkins, J. W. 1961 Fayetteville
4859. Eller, R. R. 1965 West Jefferson
3077. Elliott, A. G., Jr. 1945 Fuquay-Varina
4518. Elliott, Rebecca H. (Mrs.) 1962 Greensboro
4790. Elliott, W. McB., Jr. 1965 Surfside Beach, S. C.
4766. Ellis, E. R. (Ga.) 1964 Raleigh
4945. Ellis, J. E. (Ohio) 1966 Belhaven
5234. Ellis, R. N. (Ala.) 1968 Albemarle
2266. Ellis, W. D. 1925 Martinsville, Va.
5525. Ellison, Catalina C. (Mrs.) 1970 Winston-Salem
3221. Ellison, J. M. (Fla.) 1948 Lexington
3791. Elmore, O. A., Jr. 1955 Raleigh
4364. Elvington, P. L., Jr. (S. C.) 1961 Fair Bluff
5416. Engen, W. R. 1970 Durham
5159. Ervin, R. C., Jr. (Tenn.) 1968 Charlotte
4244. Erwin, J. D. (Ky.) 1959 Laurinburg
3070. Estes, J. C., Jr. 1944 Reidsville
2008. Etheridge, T. J., Jr. 1920 Bailey
1859. Eubanks, J. N. 1916 Greensboro
4578. Eutsler, T. M. 1963 Marion
3699. Evans, A. W. (La.) 1954 Markham, Ill.
5062. Evans, C. A., Jr. (S. C.) 1967 Fort Mill, S. C.
4791. Evans, C. E., Jr. 1965 Hallsboro
5274. Evans, Christine H. (Mrs.) 1969 Raleigh
4114. Evans, D. M. 1958 Oxford
4933. Evans, D. N. (Ga.) 1966 Augusta, Ga.
3937. Evans, F. H. 1956 Morganton
3432. Evans, Flora Nell 1951 Durham
4014. Evans, H. E. (S. C.) 1957 Hickory
2686. Evans, J. E. 1934 Marion
4620. Evans, L. C. 1963 Kinston
2170. Evans, W. B. (Ga.) 1923 McLeansville
4989. Evans, W. L. (Ga.) 1966 Eden

F

3358. Faircloth, V. L. (S. C.) 1950 Charlotte
3562. Fairley, R. B. 1952 Salisbury
4566. Farmer, J. F. (Ala.) 1963 High Point
2687. Farmer, W. F. 1934 Warrenton
4860. Farmer, W. F., Jr. 1965 Wendell
4781. Farr, W. R. (Ga.) 1965 Asheville
4275. Farrar, J. E. 1960 Greensboro
4519. Farrior, W. S. 1962 Gastonia

4196. Faucett, J. W., Jr. (S. C.) 1959 Dunn
4381. Faulkner, E. G. 1961 Monroe
4276. Fayed, F. T. 1960 Roanoke Rapids
3255. Feagin, E. L., Jr. (Ala.) 1949 Hendersonville
3521. Feagin, L. E. (Ia.) 1951 Hendersonville
3127. Fearing, M. K., Jr. 1946 Manteo
4277. Fearing, W. B., Jr. 1960 Greenville
3678. Feeney, B. A., Jr. (Ga.) 1953 Asheville
5044. Fenev, D. P. (N. Y.) 1967 East Northport, N. Y.
3370. Ferguson, C. McD., Jr. 1950 Siler City
2194. Ferguson, H. Q. 1924 Randleman
3705. Ferguson, J. F., Jr. 1954 Raleigh
2467. Ferguson, J. S. 1928 Fayetteville
3769. Ferguson, L. E. (Ky.) 1954 Winston-Salem
3706. Ferguson, L. M. 1954 Taylorsville
5118. Ferrante, A. A. (Conn.) 1968 Miami, Fla.
5418. Ferrell, J. L. 1970 Lincolnton
5581. Ferrier, D. E. (Mo.) 1970 Chapel Hill
5307. Fincannon, Jean McD. (Mrs.) (S. C.) 1969 Whiteville
3332. Fincher, E. M. 1950 Tryon
5003. Fish, A. H. (S. C.) 1967 Monroe
3707. Fisher, C. G. 1954 Thomasville
3795. Fisher, Don H. (Mrs.) 1955 Thomasville
1946. Fisher, Lester 1917 Statesville
3938. Fisher, L. J. 1956 Sea Level
3462. Fisher, P. L. 1951 Elkin
3679. Fitzgerald, F. B., Jr. (Ala.) 1953 Hickory
3261. Fleming, O. G. 1949 Ahoskie
4160. Fleming, R. E., Jr. 1959 Rocky Mount
3201. Fleming, Velma (Va.) 1947 Roanoke, Va.
3621. Fletcher, J. H. 1953 Rutherford College
5048. Flood, T. V. (N. Y.) 1967 Asheboro
3739. Floyd, C. M., Jr. 1954 Roanoke Rapids
5106. Floyd, R. W. (Ga.) 1967 Whiteville
5050. Floyd, T. A., Jr. (Ga.) 1967 Asheville
3018. Flynn, H. L. 1943 Winston-Salem
5582. Fontenot, B. L. (La.) 1970 Lake Charles, La.
5331. Fonvielle, C. B. 1969 Wake Forest
3433. Forbus, B. McK. 1951 Murray, Ky.
5526. Ford, Sharon G. (Mrs.) 1970 Durham
2652. Forrest, B. B. 1933 Hillsborough
3333. Forrest, W. G. 1950 Gastonia
3896. Forrester, P. R. (S. C.) 1956 Concord
5605. Forst, J. J. (Ga.) 1971 Mars Hill
4050. Forsyth, A. R. (Ohio) 1957 Concord
3637. Foss, E. L. (Me.) 1953 Virginia Beach, Va.
2332. Foster, D. W. 1926 Asheville
4278. Foster, R. W. 1960 Greensboro
4861. Foster, W. L. 1965 Mocksville
3258. Fowler, Evelyn B. (Mrs.) 1949 Salisbury
3862. Fowler, J. D. (S. C.) 1955 Clarkton
5311. Fowler, R. E. (Ala.) 1969 FPO, Seattle, Wash.
3672. Fox, Carolyn T. (Mrs.) 1953 Winston-Salem
3846. Fox, E. L. 1955 Brooklyn, N. Y.
2781. Fox, H. S. 1937 Winston-Salem
2942. Fox, J. C., Jr. 1941 Chapel Hill
2843. Fox, J. H. 1939 Asheboro
3036. Fox, Margaret L. (Mrs.) 1943 Chapel Hill
4279. Fraley, T. M. 1960 Raleigh
3150. Franklin, R. E. (Miss.) 1946 Greensboro
4665. Franzen, D. P. (Mich.) 1964 Greensboro
4835. Frazier, J. C. 1965 Raleigh
3879. Freeman, J. H. 1955 Dublin
4901. Freeman, N. F., Jr. 1966 Louisburg
4072. Freeman, P. D. 1958 Jacksonville, Fla.
5076. Freeman, S. M. 1967 Myrtle Beach, AFB, S. C.
4774. French, LeMarr L. (Ohio) 1964 Euclid, O.
3622. Friday, J. P. 1953 Gastonia
3644. Fritsche, T. R. (N. J.) 1953 Sarasota, Fla.
5298. Fritz, Jean N. (Mrs.) (Ga.) 1969 Rome, Ga.
5492. Froatz, V. E. (N. Y.) 1970 Ayden
2536. Frontis, S. W. 1930 Greensboro
3792. Frostick, W. L. 1955 Laurinburg
3563. Fulbright, K. N. 1952 Greensboro
1434. Fullenwider, Phifer 1908 Winston-Salem
2979. Fuller, E. R. 1941 Salisbury
4694. Fuller, W. H., Jr. 1964 Greensboro
5077. Fullwood, Mary T. (Mrs.) 1967 Raleigh
4213. Fulton, J. W. 1959 Welcome
5266. Fulton, Mary A. 1969 Winston-Salem
5199. Fulton, T. A., Jr. 1968 Chapel Hill

4883. Furman, J. C. (Ga.) 1965 Boone
5162. Fusco, R. A. (Pa.) 1968 Willingboro, N. J.
2928. Futrell, C. L. 1940 Raleigh
5267. Futrell, T. M. 1969 Raleigh

G

3463. Gabriel, J. C. 1951 Troutman
5419. Gaddy, Annette M. 1970 Greensboro
3611. Gaddy, C. B., Jr. (S. C.) 1952 Charlotte
3464. Gaddy, C. H. 1951 Clinton
2898. Gaddy, E. P. 1940 Yadkinville
2943. Gaddy, Phil 1941 Marshville
4382. Gaddy, R. C. 1961 Clinton
3139. Gaddy, R. L., Jr. (Fla.) 1946 Tallahassee, Fla.
2770. Galloway, A. E. 1937 Charlotte
5623. Gambill, C. W. F., Jr. 1971 North Wilkesboro
3416. Gammon, H. O. (Mo.) 1950 Reidsville
3414. Gardiner, P. L. (R. I.) 1950 Greensboro
4344. Gardner, C. C. (S. C.) 1960 Camden, S. C.
5624. Gardner, J. D. 1971 Raleigh
2286. Gardner, Mattie S. 1925 Charlotte
1403. Gardner, T. L. 1908 Reidsville
3334. Gardner, W. S. 1950 Burlington
5302. Garmany, H. K., Jr. (Tenn.) 1969 Asheville
5268. Garner, R. L. 1969 Asheboro
2465. Garren, F. O. 1928 Lugoff, S. C.
5174. Garrett, J. H. (Ohio) 1968 Elizabeth City
4420. Garrett, R. L. (Va.) 1961 Lynchburg, Va.
2039. Garrett, Y. D., Jr. 1920 Durham
4471. Garrou, Ann B. (Mrs.) 1962 Valdese
4261. Gaskins, W. F., Jr. (S. C.) 1960 Havelock
2022. Gatling, T. R. (S. C.) 1920 Reidsville
4383. Gattis, H. I., Jr. 1961 Raleigh
3740. Gaylord, J. T. 1954 Wyckoff, N. J.
5016. Gebhardt, Margaret C. (Mrs.) 1967 Chapel Hill
4730. Gee, B. B. (Va.) 1964 Henderson
4902. Geer, R. M. 1966 Charlotte
3760. Geis, V. L. (Ill.) 1954 Flat Rock
4621. George, P. L., Jr. 1963 Winston-Salem
3230. Gerlinger, J. J. 1948 Rocky Mount
4472. Gibson, C. T. 1962 Goldsboro
4384. Gibson, W. S., Sr. 1961 Goldsboro
4026. Gidney, C. E. 1957 Mentor, Ohio
4615. Giffen, E. M. (S. C.) 1963 Charlotte
3371. Gilbert, L. E., Jr. 1950 Wagram
2784. Gilbert, L. M., Jr. 1937 Maxton
4245. Giles, C. N. (S. C.) 1959 Mooresville
4149. Giles, R. T. (S. C.) 1959 Candor
3793. Gillespie, C. B., Jr. 1955 Burnsville
3465. Gilliam, A. B., Jr. 1951 Reidsville
2257. Gilliam, W. A. 1925 Winston-Salem
5117. Gilmore, A. A. (Ga.) 1968 Atlanta, Ga.
3682. Gilmore, L. M. (S. C.) 1953 Kannapolis
5332. Glace, C. L. 1969 Winston-Salem
4853. Gladden, H. Q. (S. C.) 1965 Boone
5269. Glass, A. R. 1969 Whiteville
3922. Gleissner, Amata H. (Mrs.) (S. C.) 1956 N. Miami Beach, Fla.
2701. Glenn, R. A. 1935 Denton
4215. Glover, W. F., Jr. 1959 Pensacola, Fla.
5126. Gnau, T. R. 1968 Winston-Salem
4280. Godette, Wallace 1960 Mt. Vernon, N. Y.
3868. Godfrey, J. K. (Ga.) 1955 Murphy
2624. Godwin, C. F. 1932 Pine Level
5625. Godwin, L. R. 1971 Lynchburg, Va.
4216. Goforth, J. P. 1959 Asheville
5315. Goforth, J. W. (S. C.) 1969 Henrietta
5375. Goldman, Irving (W. Va.) 1969 Pittsburgh, Pa.
4792. Goldman, R. M. 1965 Winston-Salem
5061. Gomez, Olga E. (Mrs.) (Ala.) 1967 Gainesville, Ga.
4836. Gonzalez, A. H. 1965 Raleigh
4622. Gooch, J. H. 1963 Winston-Salem
4579. Good, L. B. 1963 Mt. Airy
2899. Goodwin, M. N. 1940 Beaufort, S. C.
4473. Goodwin, S. S. 1962 Marshville
5245. Gordon, F. E. (S. C.) 1969 Pageland, S. C.
3884. Gordon, Freda H. (Mrs.) 1955 Norfolk, Va.
4474. Gordon, R. L. 1962 Cary
2629. Gordon, T. W. 1932 Thomasville
4339. Gore, J. R. (S. C.) 1960 Albemarle
5303. Gould, R. W. B. (Ind.) 1969 Warsaw, Ind.
3708. Gowan, S. W. 1954 Wallace
4740. Grabs, O. O., Jr., 1964 King

4452. Graham, A. H. (Miss.) 1961 Jackson, Miss.
3623. Graham, C. C. 1953 Greensboro
3992. Graham, H. N. 1957 Charlotte
5148. Graham, J. L. (Va.) 1968 Newport
3262. Graham, L. I. 1949 Wallace
5200. Graham, Margarete K. (Mrs.) 1968 Burlington
5204. Graham, Stephanie H. (Mrs.) 1968 Burlington
3880. Graham, W. W. 1955 Monroe
3656. Grandy, J. I. 1953 Charlotte
5053. Grant, J. R. (Ga.) 1967 Clermont, Fla.
5606. Grant, R. L. (N. Y.) 1971 Binghamton, N. Y.
3466. Grantham, J. G. 1951 Charlotte
2771. Grantham, R. B. 1937 Red Springs
4963. Graves, Sandra G. (Mrs.) 1966 Maxton
4991. Gravitte, A. P. (S. C.) 1966 Mount Airy
5626. Gray, Audrey A. (Mrs.) 1971 Manteo
3972. Gray, J. W., Jr. (Tex.) 1956 Charlotte
4964. Gray, R. A. 1966 Morehead City
4783. Gray, W. W., Jr. (S. C.) 1965 Elizabethtown
2944. Greene, H. W. 1941 Wilmington
4650. Green, J. H., Jr. (Tex.) 1963 Charlotte
3534. Greene, J. P. 1952 Boone
4027. Greene, J. S. 1957 Lenoir
5201. Greene, J. R. 1968 Rockingham
5333. Greene, R. H. 1969 Elkin
5281. Greenstone, Judie P. (Mrs.) 1969 Atlanta, Ga.
2217. Greenwood, A. M. 1924 High Point
3467. Greeson, H. C. 1951 Sanford
4580. Greeson, J. D. 1963 Thomasville
4604. Gregory, G. A. (S. C.) 1963 Charlotte
4417. Gregory, R. L. (S. C.) 1961 Mooresville
3096. Gregory, W. S. (S. C.) 1944 Shelby
3564. Gresham, J. W. 1952 Wilson
3895. Gretz, Margaret (Mrs.) (Mass.) 1955 Hendersonville
2736. Greyer, Mary Alice B. (Mrs.) 1936 Bryson City
3231. Griffin, E. W., Jr. 1948 Kings Mountain
3289. Griffin, S. D., Jr. 1949 Burlington
3565. Griffin, W. C. 1952 Raleigh
3848. Griffin, William Crane 1955 Roanoke Rapids
2508. Griffin, W. R. 1929 Raleigh
4281. Griffin, W. R., Jr., 1960 Charlotte
1374. Griffith, Wiltshire 1907 Hendersonville
3741. Griffith, Wiltshire, Jr. 1954 Hendersonville
4793. Griggs, W. W., Jr. 1965 Albemarle
1829. Grimes, G. D. 1915 Robersonville
4732. Grose, J. T., III (W. Va.) 1964 Greensboro
3542. Gross, N. R. (S. C.) 1952 Whiteville
2055. Guion, C. L. 1921 Aberdeen
2056. Guion, H. N. 1921 Marshville
4475. Gupton, A. C. 1962 New York, N. Y.
5420. Gupton, T. G. 1970 Louisburg
1856. Gurley, W. B. 1916 Windsor
5299. Gustafson, L. A. (S. D.) 1969 Denver, Colo.
2829. Guthrie, C. H. 1938 Beaufort

H

4965. Habrat, Nancy Jane 1966 Charlotte
5527. Hackney, Claudia S. (Mrs.) 1970 Washington
3794. Hackney, E. W. 1955 Lumberton
3993. Hackney, Sara J. (Mrs.) 1957 Lumberton
4884. Hager, G. P., Jr. (Md.) 1966 Chapel Hill
4161. Hagwood, R. G. 1959 Dobson
2273. Hair, R. C. 1925 Pineville
3050. Haith, J. W., Jr. 1944 Gary, Ind.
4282. Haithcock, J. R. 1960 Mt. Gilead
4695. Hall, H. E. 1964 Asheville
4520. Hall, H. G., Jr. 1962 Asheboro
4457. Hall, H. J. (S. C.) 1962 Lexington
2381. Hall, J. M., Jr. 1927 Wilmington
2265. Hall, J. P. 1925 Oxford
5078. Hall, J. R. 1967 Greensboro
3290. Hall, R. B. 1949 Mocksville
2189. Hall, S. C. 1924 Oxford
2844. Halsey, W. B. 1939 Sparta
4416. Hames, H. J., Sr. (S. C.) 1961 Columbia, S. C.
3917. Hamilton, S. W. (Ga.) 1956 Starke, Fla.
3128. Hamlet, J. E. 1946 Knoxville, Tenn.
2945. Hamlin, V. C., 1941 Raleigh
4360. Hammond, H. L. (Ga.) 1961 Gainesville, Ga.
5528. Hamrick, C. V. 1970 Henderson
4385. Hansen, E. L. 1961 Charlotte
2850. Hardee, A. K., Jr. 1939 Charlotte

2388. Hardee, W. E. 1927 Charlotte
4742. Hardin, K. P., Jr. 1964 Forest City
4284. Hardy, C. E. 1960 La Grange
3129. Hardy, R. W. 1946 Concord
3899. Hargett, C. B. 1956 Greenville
4903. Hargis, R. L. 1966 Graham
3709. Harman, J. F., Jr. 1954 Lexington
4521. Harmon, W. S. 1962 Wilson
3495. Harper, J. E. (S. C.) 1951 Laurinburg
5101. Harper, J. B. (Miss.) 1967 Durham
5334. Harper, J. M. 1969 Hendersonville
4818. Harper, J. P. (Miss.) 1965 Lincolnton
4904. Harper, R. R., Jr. 1966 Kings Mountain
4386. Harper, W. J. 1961 Jacksonville
2456. Harper, W. L. 1928 Hendersonville
5335. Harrell, C. B., III 1969 Chapel Hill
4115. Harrell, O. C. 1958 Winston-Salem
3731. Harrelson, W. H. (S. C.) 1954 Tabor City
5270. Harrill, M. H. 1969 Maiden
4028. Harrington, G. K. 1957 Wilmington
5529. Harrington, T. M. 1970 Lexington
4581. Harris, Anne H. (Mrs.) 1963 Greenville
4148. Harris, F. H., Jr. (D. C.) 1959 Asheville
5577. Harris, G. R. (Ohio) 1970 Dayton, Ohio
3710. Harris, G. W. 1954 Chapel Hill
3566. Harris, J. C., Jr. 1952 Durham
3263. Harris, L. C. 1949 Cliffside
4905. Harris, Lynda C. (Mrs.) 1966 Mullica Hills, N. J.
3634. Harris, R. O. (S. C.) 1953 Charlotte
4348. Harris, R. P. (S. C.) 1960 Hope Mills
4355. Harris, Savannah B. (Mrs.) (S. C.) 1960 Fayetteville
4217. Harris, T. E., Jr. 1959 High Point
4286. Harris, Virginia H. (Mrs.) 1960 Shelby
2616. Harris, W. B. 1932 High Point
3567. Harrison, J. R. 1952 Troy
3264. Harrison, R. F. 1949 Eden
4218. Harrison, S. V. 1959 Walnut Cove
4522. Harriss, W. F. 1962 Winston-Salem
2682. Hartis, G. C. 1934 Winston-Salem
4582. Hartis, G. C., Jr. 1963 Winston-Salem
4696. Hartis, Margaret McC. (Mrs.) 1964 Winston-Salem
5110. Harvey, C. D. (S. C.) 1967 Thomasville
3536. Harward, B. R. 1952 Raleigh
4697. Harwood, G. E. 1964 Albemarle
3657. Hatcher, J. E. 1953 Kenansville
4523. Hathcock, J. A., Jr. 1962 Winston-Salem
4583. Hatley, G. M. 1963 Marshville
5421. Hauser, S. F. 1970 Fayetteville
3568. Hauss, H. L. 1952 China Grove
3489. Hawkins, A. R., Jr. (N. D.) 1951 Jamestown, N. D.
3335. Hawkins, C. B. 1950 Waynesville
5079. Hawkins, C. C. 1967 Asheville
3624. Hawkins, C. I. 1953 Madison
3291. Hawkins, H. B. 1949 Wilkesboro
4319. Hawkins, J. N. 1960 Asheville
3772. Hawkins, P. E. (Ga.) 1954 Charlotte
3265. Hawkins, Reeves 1949 Tucson, Ariz.
4764. Hawks, R. E. (Tenn.) 1964 Rogersville, Tenn.
1865. Hayes, G. E. 1916 Hickory
4698. Hayes, H. F. 1964 Mt. Airy
5627. Hayes, J. C. 1971 Anchorage, Ak.
4794. Hayes, Sara B. (Mrs.) 1965 Mt. Airy
5271. Haywood, L. S. 1969 Robbins
4565. Healy, G. P. (Ga.) 1963 Gainesville, Ga.
4163. Heath, I. L., Jr. 1959 Beckley, W. Va.
5395. Heath, L. L. (Va.) 1970 New Bern
3336. Heath, R. E. 1950 Burlington
3941. Heath, R. V. 1956 Snow Hill
4966. Heatherington, T. W. 1966 Gastonia
3617. Heaton, P. H., Jr. (S. C.) 1953 Wilmington
4743. Hedgepeth, M. E. 1964 Henderson
3078. Hege, G. D. 1945 Whiteville
3292. Hemingway, C. E. 1949 Charlotte
4285. Hemingway, F. McC. 1960 Bethel
3664. Hemingway, Mary P. (Mrs.) 1953 Charlotte
1949. Henderlite, J. W. 1917 St. Louis, Mo.
4454. Henderson, Donna R. (Mrs.) (W. Va.) 1961 Beckley, W. Va.
2376. Henderson, G. E. 1927 Ocean Drive, S. C.
1718. Henderson, J. L. 1913 Salisbury
2756. Hendrick, A. B. (S. C.) 1937 Mt. Croghan, S. C.
5324. Hendrix, Daryl B. (Mrs.) 1969 Columbia, S. C.
4744. Hendrix, J. F. 1964 Murphy
3032. Henley, J. T. 1943 Hope Mills
2841. Henriksen, H. E. (S. C.) 1939 Wilmington

4623. Henry, Margaret M. (Mrs.) 1963 Broken Arrow, Okla.
5493. Hensley, G. L. (Tenn.) 1970 Danville, Va.
5272. Henson, J. B. 1969 Greensboro
3796. Herrin, J. C. 1955 Oxford
3797. Herring, E. N. 1955 Myrtle Beach, S. C.
5202. Herring, G. F. 1968 Jacksonville
3058. Herring, R. McP. 1944 Clinton
3569. Herring, W. I. 1952 Clinton
5465. Heymann, W. A. (Pa.) 1970 Greenville, N. C.
3985. Hickman, J. H. (S. C.) 1957 Charlotte
4387. Hickmon, J. R. 1961 Fayetteville
4837. Hickmon, L. E. 1965 Wilmington
2643. Hickmon, W. L. 1933 Wilmington
2677. Hicks, A. M. 1934 Pikeville
1493. Hicks, C. G. 1909 Raleigh
3337. Hicks, Jean S. (Mrs.) 1950 Raleigh
4508. Hicks, J. O. (Ala.) 1962 Walnut Cove
3881. Higdon, M. L. 1955 Forest City
4699. Hill, A. L., III 1964 Durham
4673. Hill, C. E. (Ga.) 1964 Blairsville, Ga.
4967. Hill, Christie E. (Mrs.) 1966 Durham
4700. Hill, D. C. 1964 Kinston
5336. Hill, G. E. 1969 Williamston
2509. Hill, G. L. 1929 Henderson
3882. Hill, J. A. 1955 Charlotte
4932. Hill, W. J. (Va.) 1966 S. Boston, Va.
5337. Hilliard, H. H., Jr. 1969 Greensboro
4424. Himes, C. F. 1961 Westerville, O.
3883. Hines, R. M. 1955 Indianapolis, Ind.
4219. Hinton, M. H. 1959 Raleigh
5659. Hinz, Dorothy C. (Mrs.) 1971 Salisbury
5080. Hite, C. W., Jr. 1967 Gastonia
3711. Hix, D. T. 1954 Gibsonville
3747. Hobbs, Martha S. (Mrs.) 1954 Kinston
2012. Hocutt, D. D. 1920 Henderson
3105. Hoffman, E. N. (S. C.) 1945 Lumberton
1752. Hoffman, J. F., Jr. 1914 High Point
3601. Hoffman, W. C. (Va.) 1952 Greensboro
2549. Hoggard, C. R. 1930 Falls Church, Va.
3104. Hohl, Marguerite W. (Mrs.) 1945 Jacksonville, Fla.
4951. Holding, T. E., III (Ala.) 1966 Wake Forest
5530. Holland, D. L. 1970 Greenville
3685. Holland, J. S. (S. C.) 1953 Winston-Salem
3007. Holland, L. L. 1942 Hamlet
4968. Holland, N. V. 1966 Chapel Hill
5422. Holland, R. L. 1970 Gastonia
3002. Holland, T. M. 1942 Mount Holly
1240. Holland, W. F. 1905 Mount Holly
4906. Holleman, C. E. 1966 Fuquay-Varina
5127. Holliday, Patsy D. (Mrs.) 1968 Simi, Calif.
4838. Hollingsworth, J. W. 1965 Enfield
5480. Hollingsworth, M. E., Jr. (Ga.) 1970 Gainesville, Ga.
4997. Holloway, D. A. (Pa.) 1967 Durham
5481. Holloway, W. R. (Ill.) 1970 Thomasville
4164. Hollowell, A. E. 1959 Raleigh
2734. Hollowell, W. C. 1936 Greenville
3043. Hollowell, W. H., Jr. 1944 Edenton
3600. Holmes, J. M., Jr. (La.) 1952 Lanham, Md.
2695. Holt, F. A. 1935 North Wilkesboro
3266. Holt, Maryellen M. (Mrs.) 1949 Burlington
3658. Holt, W. S. 1953 Dover, Mass.
4307. Honaker, S. G. (W. Va.) 1960 Winston-Salem
4795. Honeycutt, B. W. 1965 Franklinton
2868. Honeycutt, G. W. 1939 Rockingham
4321. Honeycutt, H. R. 1960 Raleigh
4584. Honeycutt, M. Z., Jr. 1963 Hickory
3001. Hood, D. H. 1942 Mebane
3918. Hood, India B. (Tenn.) 1956 Kinston
3293. Hood, J. C., Jr. 1949 Kinston
4322. Hood, J. D. 1960 Morganton
4388. Hood, R. L. 1961 Pink Hill
5499. Hoofnagle, J. E. (N. Y.) 1970 Greenville
1782. Hooper, F. L. 1914 Sylva
2930. Hooper, J. L., Jr. (Ga.) 1941 Hiawassee, Ga.
3188. Horne, H. R. 1947 Fayetteville
5397. Horne, Marjorie H. (Mrs.) (Ind.) 1970 Rock Hill, S. C.
5128. Horne, W. P., Jr. 1968 Hamlet
3338. Horner, Lucille E. (Mrs.) 1950 Charlotte
3537. Horton, J. P., Jr. 1952 Wilkesboro
3570. Horton, W. D. 1952 Wilkesboro
5273. Horton, W. F. 1969 Asheville
3503. Horton, W. P. 1951 Rocky Mount
2175. Hough, J. T. (S. C.) 1923 Charlotte

4873. Houghtaling, D. H. (Mich.) 1965 Waynesville
3267. House, Joseph, Jr. 1949 Grifton
4165. Houser, W. E. 1959 Cherryville
2705. Houser, W. H. 1935 Cherryville
5531. Hovis, L. K. 1970 Wilmington
4367. Howard, E. C. (Ga.) 1961 Mars Hill
3849. Howard, J. F. 1955 Wilmington
5203. Howard, La Voice H. (Mrs.) 1968 Durham
3339. Howard, W. McC. 1950 Winston-Salem
3372. Howe, A. G. 1950 Raleigh
3061. Howell, W. L., Jr. (Ga.) 1943 Raeford
4969. Howerton, Marsha H. (Mrs.) 1966 Gainesville, Fla.
3778. Howle, W. W. (S. C.) 1954 Marion
3373. Hoyle, E. D. 1950 Cooleemee
1813. Hoyle, M. H. 1915 Cooleemee
4010. Hubbard, Anna S. (Mrs.) (Ky.) 1957 Greensboro
4796. Hubbard, Phyllis A. 1965 Charlotte
3209. Huber, H. G. (N. J.) 1947 Darlington, S. C.
3468. Hudson, R. T. 1951 Gastonia
4477. Huffman, K. L. 1962 Burlington
4907. Huffman, L. L. 1966 Valdese
4323. Huffstetler, D. S. 1960 Raleigh
4585. Huggins, H. T., Jr. 1963 Gastonia
4701. Hull, J. H., III 1964 Chapel Hill
3314. Hunsucker, Evelyn S. (Mrs.) 1949 Gibson
4758. Hunter, C. H. (Tenn.) 1964 Pearisburg, Va.
1546. Hunter, J. B. 1910 Charlotte
3850. Hunter, J. E., Jr. 1955 Prosperity, S. C.
5463. Hunter, O. R. (Mich.) 1970 Phoenix, Ariz.
2696. Huntley, W. A. 1935 Lexington
4624. Hurt, J. A., Jr. 1963 Morganton
2633. Huss, K. W. 1933 Cherryville
1542. Hutchins, J. A. 1910 Winston-Salem
4352. Hutchinson, W. F. (Ind.) 1960 Kannapolis
5158. Hyde, C. R. (Va.) 1968 Portsmouth, Va.

I

4166. Inabinet, J. L. 1959 Winston-Salem
2878. Ingle, C. E. 1939 Weaverville
4073. Ingram, J. T. 1958 Greenville
2009. Ingram, L. M. 1920 High Point
2980. Inman, G. G. 1941 Rockingham
5338. Inman, R. H. 1969 Durham
2946. Irwin, D. A. 1941 Elkin
3021. Irwin, R. L. 1943 Elkin
4029. Isaac, D. W. 1957 Mebane
1753. Isler, W. A. 1914 Kinston
5180. Iverson, H. M. (Minn.) 1968 Garner

J

2385. Jackson, J. C. 1927 Lumberton
5339. Jackson, J. S. 1969 Garner
2222. Jackson, Leonidas 1924 Erwin
5628. Jackson, Lynne A. 1971 Chapel Hill
2559. Jackson, Osceola (Tenn.) 1930 Goldsboro
4287. Jackson, P. D. 1960 Rocky Mount
4167. Jackson, W. C. 1959 Sanford
4324. Jacob, D. M. 1960 Lake Park, Fla.
5000. Jacobs, P. C. (N. J.) 1967 High Point
1463. James, A. A. 1909 Winston-Salem
3800. James, C. I. 1955 Asheville
4168. James, F. D. 1959 Hazelwood
5670. James, F. M. (Ala.) 1971 Goldsboro
4030. James, Geraldine K. (Mrs.) 1957 Hazelwood
5599. James, R. F. (S. C.) 1971 New Bern
3374. James, S. A. 1950 Greensboro
4091. James, W. A. (S. C.) 1958 Belmont
4839. Jamison, Mary Elizabeth 1965 Charlotte
4745. Jarman, Joseph 1964 Jacksonville
4288. Jarrett, C. L. 1960 Charlotte
1545. Jarrett, L. M. 1910 Asheville
5452. Javors, M. A. (Tex.) 1970 Dallas, Texas
3639. Jefferies, C. L. (Va.) 1953 Raleigh
5340. Jenkins, G. L. 1969 Reidsville
4095. Jenkins, Jane B. (Mrs.) (Pa.) 1958 Swarthmore, Pa.
3434. Jenkins, P. R. 1951 Murfreesboro
2375. Jenkins, Sam 1927 Walstonburg
2596. Jenkins, W. I. (Va.) 1931 Biscoe
3885. Jenkins, W. I., Jr. 1955 Biscoe
4289. Jenks, K. B. 1960 Graham
5230. Jennings, G. N. (W. Va.) 1968 Nashville, Tenn.
3635. Jennings, R. N. (Ga.) 1953 N. Wilkesboro
4449. Jennings, W. H. (Va.) 1961 Burlington

5423. Jernigan, C. R. 1970 Dunn
4759. Jochems, J. F. (Colo.) 1964 Concord
5388. Johns, Mary B. (Ga.) 1970 Atlanta, Ga.
2947. Johnson, A. R. 1941 Winston-Salem
3375. Johnson, C. E. 1950 Greenville
2966. Johnson, G. F., Jr. 1941 Atlanta, Ga.
4325. Johnson, J. K. 1960 Raleigh
5341. Johnson, J. L., Jr. 1969 Burlington
4012. Johnson, J. M. (D. C.) 1957 Raleigh
3022. Johnson, R. H. 1943 Robbins
3801. Johnson, S. B., Jr., 1955 Carthage
2733. Johnson, T. B. 1936 Hickory
3034. Johnson, T. H. 1943 Raleigh
3407. Johnson, W. A. (Ala.) 1950 Mt. Airy
5060. Johnson, W. C. (Ga.) 1967 Stone Mountain, Ga.
1518. Johnson, W. L. 1910 Laurinburg
2200. Johnson, W. Lewis 1924 Raleigh
4425. Johnson, W. Lewis, Jr. 1961 Franklinton
3376. Johnson, W. P. 1950 Kinston
4797. Johnson, W. R., III 1965 Jacksonville
3659. Johnson, W. Roland 1953 Slidell, La.
4250. Johnson, Wilson, Jr. (Va.) 1959 Richmond, Va.
3049. Johnston, C. A. 1944 Littleton
4300. Johnston, J. J. (W. Va.) 1960 Beckley, W. Va.
3435. Jolley, C. E. 1951 Cliffside
4074. Jones, Alpheus, Jr. 1958 Warrenton
4501. Jones, A. R., Jr. (S. C.) 1962 Monroe
3962. Jones, Betty J. (S. C.) 1956 Asheville
5424. Jones, Camille K. (Mrs.) 1970 Charlotte
3377. Jones, C. F., Jr. 1950 Oxford
3086. Jones, Constance D. (Mrs.) 1945 Akron, O.
3660. Jones, D. E. 1953 Beaufort
4262. Jones, D. P. (S. C.) 1960 Charlotte
5244. Jones, E. H., Jr. (S. C.) 1969 Dunn
3378. Jones, F. E., Jr. 1950 Norfolk, Va.
2851. Jones, G. H. 1939 Zebulon
4130. Jones, J. D. (S. C.) 1958 Chesterfield, S. C.
5300. Jones, J. F. (Va.) 1969 Chesapeake, Va.
3379. Jones, J. L., Jr. 1950 Canton
5629. Jones, Julia W. (Mrs.) 1971 Greensboro
4970. Jones, L. W. 1966 Asheboro
4511. Jones, Minnie B. (Mrs.) 1962 Charlotte
5129. Jones, Nellie S. (Mrs.) 1968 Raleigh
5275. Jones, R. T. 1969 Salisbury
4909. Jones, T. H. 1966 Jacksonville
3294. Jones, W. W. 1949 Virginia Beach, Va.
4389. Jones, W. W. 1961 Morganton
4370. Jordan, Sylvia B. (Mrs.) 1961 N. Springfield, Va.
3295. Jordan, W. M., Jr. 1949 Marion
3296. Jordan, W. W. 1949 Raleigh
3942. Josey, C. W. 1956 Old Fort
3023. Jowdy, A. W., Jr. 1943 Athens, Ga.
4169. Joyce, Gladys Elizabeth 1959 Kernersville
3770. Joye, M. L. (S. C.) 1954 Buford, Ga.
5250. Joyner, H. E. (S. C.) 1969 Abbeville, S. C.
3980. Julian, L. B. (Tenn.) 1956 Gastonia
4875. Jumper, C. O. (S. C.) 1965 Greenville, S. C.
5464. Jurin, Y. J. (Va.) 1970 Richmond, Va.
5482. Justice, Nancy R. (Mrs.) (S. C.) 1970 Fort Mill, S. C.

K

2576. Kale, R. G. 1931 Durham
5206. Kaley, Martha H. (Mrs.) 1968 New York
5342. Kannon, Ruth A. 1969 Raleigh
4775. Kasperczyk, Patricia D. (Mrs.) (Ill.) 1964 Libertyville, Ill.
4141. Katzman, M. D. (Pa.) 1959 Charlotte
3900. Kauffman, W. H. 1956 Asheville
3994. Keating, T. M. 1957 Asheville
5630. Kearney, R. E. 1971 Raleigh
2809. Kee, H. J. 1938 Norfolk, Va.
5453. Keener, W. L. (Ia.) 1970 Winston-Salem
2690. Keenum, R. F. (Tenn.) 1935 Hazelwood
3192. Keetsock, Ida N. (Mrs.) 1947 Durham
4478. Keever, D. E. 1962 Lincolnton
3995. Keever, Z. T., Jr. 1957 Lincolnton
4798. Keith, L. W. 1965 Sanford
5389. Kelley, J. G. (Ala.) 1970 Asheville
4992. Kelley, R. D. (Ala.) 1966 Sylva
4840. Kelly, Anne Marie 1965 Jacksonville
2350. Kelly, G. C. 1926 Lillington

2967. Kelly, H. L. 1941 Durham
5018. Kelly M. N., Jr. 1967 Knoxville, Tenn.
4444. Kemp, R. C. (Ga.) 1961 Weaverville
4057. Kemper, R. J. (Ohio) 1958 Kettering, O.
4031. Kendrick, M. C. 1957 Mayodan
5343. Kennedy, Jerry B. (Mrs.) 1969 Burlington
4863. Kennedy, J. B., Jr. 1965 Andrews
4799. Kennedy, J. L. 1965 Statesville
4910. Kennedy, L. G. 1966 Star
5467. Kern, J. P. (Ohio) 1970 Westlake, O.
3024. Kerr, B. D. 1943 Raleigh
5166. Kesler, J. P. (Ga.) 1968 Reidsville
2848. Kessler, M. M. 1939 Miami Beach, Fla.
3683. Keys, C. M. (Va.) 1953 Aptos, Calif.
4971. Keziah, W. P., Jr. 1966 Wilmington
4800. Kiang, Tai-Yee (Mrs.) 1965 Durham
3436. Kiger, R. W. 1951 Shelby
3890. Kight, H. O. (Ga.) 1955 Tarawa Terrace
5207. Killian, James F. 1968 Fort Lee, Va.
3851. Kimball, Jacquelyn O. (Mrs.) 1955 Louisburg
3380. Kinard, E. R., Jr. 1950 Greensboro
4479. Kincaid, B. J. 1962 Myrtle Beach, S. C.
2999. King, A. H. 1942 Durham
3712. King, D. G. 1954 Red Springs
5590. King, E. W. (Ga.) 1970 Franklin
4221. King, G. A. 1959 Hickory
5019. King, J. A. 1967 New Bern
4801. King, J. H., Jr. 1965 Lenoir
3799. King, Jeanette H. (Mrs.) 1955 Athens, Ga.
4972. King, J. H. 1966 Greensboro
4495. King, T. M., Jr. (Tex.) 1962 Winston-Salem
3996. King, V. H., III 1957 Fayetteville
3340. King, W. A. 1950 Mount Airy
2027. King, W. H. (S. C.) 1919 Greensboro
5276. Kinlaw, A. E. 1969 Raleigh
3997. Kirby, C. M., Jr. 1957 Southport
5399. Kirby, F. E. (S. C.) 1970 Southport
4170. Kirby, J. T. 1959 Southport
4390. Kirkman, P. M. 1961 Winston-Salem
4426. Kirkman, Phebe McD. (Mrs.) 1961 Winston-Salem
3297. Kirkpatrick, T. M., Jr. 1949 Eden
3189. Kiser, A. G. 1947 Asheville
3298. Kiser, F. C. 1949 Asheville
3381. Kiser, J. C. 1950 Cramerton
2948. Kiser, R. A. 1941 China Grove
5457. Kizer, J. E. (S. C.) 1970 Roxboro
5020. Kiziah, L. C. 1967 Newton
2758. Klein, B. F. (Pa.) 1936 Asheville
4669. Klein, C. N. (Va.) 1964 Fairfax, Va.
4726. Klein, S. J. (S. C.) 1964 Gastonia
4194. Kline, A. R., Jr. (S. C.) 1959 Morehead City
3802. Kluttz, J. A. 1955 Black Mountain
3079. Knight, E. H. 1945 Asheville
3299. Knight, J. E. 1949 Mooresville
3852. Knight, J. O. 1955 Rocky Mount
3571. Knight, R. A. 1952 Pinehurst
3714. Knott, Carolyn B. (Mrs.) 1954 Charlotte
3341. Knox, R. L. 1950 Charlotte
3233. Koonce, S. G. 1948 Chadbourn
4032. Kopp, R. S. 1957 Blauvelt, N. Y.
4663. Koslow, H. E. (S. C.) 1963 Atlanta, Ga.
3891. Kouzel, Howard (Md.) 1955 Silver Spring, Md.
4055. Kramer, S. H. (Md.) 1958 Baltimore, Md.
2931. Kraus, Emma M. (Va.) 1940 Charlotte
2586. Kritzer, E. L. 1931 Rockwell
5208. Kroboth, T. R. 1968 Lawrence, Kan.
4191. Krohn, George (Mo.) 1959 Columbus, Ga.
4546. Kromrey, C. W. (Wis.) 1962 Miami, Fla.
5594. Krull, A. H. (N. Y.) 1971 Greenville
4828. Krum, Adina C. (Mrs.) (Va.) 1965 Marion, S. C.
5226. Krum, C. L., Jr. (Tex.) 1968 Marion, S. C.
4856. Krusch, E. S. (N. J.) 1965 Greensboro
4639. Kue, J. H. L. (Va.) 1963 Farmville
4760. Kue, Venetia M. (Mrs.) (Va.) 1964 Farmville

L

5425. La Brie, P. L. 1970 Hartford, Conn.
5344. Lagomasino, Lydia C. (Mrs.) 1969 Raleigh
2178. Lamar, W. L., Jr. (Ala.) 1923 Denton
5494. Lambe, L. M. (N. Y.) 1970 Washington

5017. Lamberson, Mary H. (Mrs.) 1967 Southern Pines
5583. Lambertson, H. J. (N. M.) 1970 Asheville
4092. Lambeth, D. C. (S. C.) 1958 Morganton
5426. Lamm, B. S. 1970 Gastonia
2116. Lamm, L. M. 1923 Mount Airy
5532. Lamm, W. D. 1970 Mt. Airy
3505. Lamore, W. P. 1951 Asheville
5600. Lance, H. E. (Ga.) 1971 Hayesville
5054. Lance, J. C. (Ga.) 1967 Blairsville, Ga.
4547. Landers, J. A. (S. D.) 1962 Durham
3939. Lane, Oveda F. (Mrs.) 1956 Norfolk, Va.
3409. Lane, R. L. (Ga.) 1950 Greensboro
3901. Langdon, F. H. 1956 Greensboro
2120. Langdon, R. E. 1923 Fayetteville
4703. Langdon, R. E. 1964 Pleasant Garden
2746. Langdon, Roscoe 1936 Columbia, S. C.
5488. Langevin, J. C. E. (R. I.) 1970 Mt. Olive
3572. Langston, M. B., Jr. 1952 New Bern
4391. Lanier, B. W. 1961 Erwin
3300. Lanier, LeRoy, Jr. 1949 Fayetteville
3902. Lanning, E. R., Jr. 1956 Lexington
5398. La Rosa, Vincent (Pa.) 1970 Bristol, Pa.
4222. Larson, V. A. 1959 High Point
4480. Lasater, W. H. 1962 Graham
4562. Lasitter, A. L. (Ala.) 1963 Atlanta, Ga.
4392. Lassiter, L. M., Jr. 1961 Kinston
5533. Latham, Sarah M. 1970 Somerville, Mass.
3749. Latta, Patsy U. (Mrs.) 1954 Durham
4830. Lawhon, Z. S. (S. C.) 1965 Hickory
4223. Lawing, K. L. 1959 Conover
4741. Lawrence, Miriam G. (Mrs.) 1964 Hickory
3730. Lawson, H. A. (S. D.) 1954 Sebring, Fla.
5021. Laxton, C. M. 1967 Lenoir
4524. Lazarus, C. L. 1962 Sanford
2457. Lazarus, Joseph 1928 Sanford
2013. Lea, V. D. 1920 Durham
4171. Leatherwood, D. R. 1959 Hazelwood
4075. Leatherwood, J. R. 1958 Kinston
5004. Leavelle, R. H., Jr. (Va.) 1967 Greensboro
1942. Ledbetter, E. D. 1917 Lexington
4186. Lee, Margaret W. (Mrs.) 1959 Honolulu, Hawaii
2387. LeGette, J. S. 1927 Charlotte
5345. Lehman, D. C. 1969 Concord
4242. Leigh, H. A. (Ia.) 1959 Cullowhee
4827. Leighty, H. D. (W. Va.) 1965 Winston-Salem
3681. Leitch, H. K. (Mich.) 1953 Wadesboro
5400. Leitinger, Eleanor M. (Mrs.) (Pa.) 1970 Fayetteville
4704. Lemelin, D. L. 1964 Charlotte
2261. Le Mon, H. H. 1925 High Point
3807. Lemos, Thalia P. (Mrs.) 1955 Charlotte
3382. Leonard, H. B., Jr. 1950 High Point
4076. Leonard, J. W. 1958 Charlotte
5534. Leonard, R. T., Jr. 1970 Winston-Salem
3762. Leonard, T. D. (S. C.) 1954 Charlotte
4393. Leonard, W. H. 1961 Spindale
2481. Lever, T. H. (S. C.) 1928 Charlotte
4746. Lever, T. H., III 1964 Durham
4586. Lewis, D. R. 1963 Greenville
2383. Lewis, L. C. 1927 Winston-Salem
5601. Lewis, R. E. (Texas) 1971 Richmond, Va.
3903. Lewis, R. L. 1956 Charlotte
5483. Lewis, R. W. (Miss.) 1970 Baton Rouge, La.
2783. Lewis, W. C. 1937 Kannapolis
2949. Lewis, W. K. 1941 Mount Olive
2749. Libbus, T. A. 1936 New Bern
4930. Ligon, B. V. (S. C.) 1966 Concord
4612. Liles, F. B., Jr. (Ala.) 1963 Jacksonville, Ala.
3661. Liles, R. H. 1953 Washington, D. C.
4973. Lilly, T. T., Jr. 1966 Beaufort
3220. Lindenschmidt, V. J. (Ind.) 1948 Wilmington
3912. Lindsay, B. C. (Tenn.) 1956 Salisbury
2821. Link, F. P. 1938 Reidsville
3213. Little, G. L. 1948 Columbia, S. C.
4705. Little, J. H. 1964 Albemarle
5535. Livengood, Vassar C. (Mrs.) 1970 Greensboro
4414. Liverman, J. S., Jr. (S. C.) 1961 Columbia, S. C.
2901. Lloyd, A. A. 1940 Hillsborough
4841. Lloyd, Evelyn P. 1965 Hillsborough
3803. Lloyd, W. L. 1955 Garner
4747. Lockamy, A. F., Jr. 1964 Raleigh
3146. Lockhart, B. O. 1946 Raleigh

3383. Lockwood, Mary E. 1950 Brunswick, Ga.
4805. Loeffler, Judy P. (Mrs.) 1965 Charlotte
3328. Loftin, T. G. (Miss.) 1949 Salisbury
3764. Logan, H. M. (Ind.) 1954 W. Jefferson
4606. Logan, J. A. (Tenn.) 1963 Fayetteville
5081. Logan, P. H. 1967 W. Jefferson
4116. Lombard, W. O. 1958 Rockwell
3384. London, L. W., Jr. 1950 Kings Mountain
5631. Long, Joyce B. 1971 Hampton, Va.
5632. Long, R. E. 1971 Shelby
4748. Long, W. R. 1964 Hickory
5158. Longenberger, D. W. (N. J.) 1968 Kountze, Tex.
3998. Lore, Sara F. 1957 Winston-Salem
2927. Lorek, L. A. 1940 Radford, Va.
3323. Lott, A. B. (S. C.) 1949 Clyde
5489. Love, Mildred P. (Mrs.) (Ga.) 1970 Suitland, Md.
4187. Lovekamp, W. A. (Ill.) 1959 Winston-Salem
3804. Lovelace, W. M., Jr. 1955 Hudson
3301. Lovette, J. F. 1949 Lillington
3999. Lowder, J. F. 1957 Winston-Salem
3385. Lowder, J. H. 1950 Marion
3779. Lowder, T. M., Jr. (S. C.) 1954 Greensboro
5130. Lowdermilk, E. L. 1968 Chapel Hill
3212. Lowe, Bonnie H. (Mrs.) 1948 High Point
3302. Lowe, J. D. 1949 Denton
5082. Lowe, R. B. 1967 Lenoir
5277. Lowman, S. E., Jr. 1969 Charlotte
3825. Lowry, F. W. (S. C.) 1955 Statesville
4407. Lowry, H. D. (S. C.) 1961 Pembroke
5536. Lucas, R. R. 1970 Durham
1670. Lunn, F. H. 1912 Winston-Salem
4394. Lutz, H. R. 1961 Kings Mountain
2852. Lynch, Ernestine B. (Mrs.) 1939 Dunn
3437. Lynch, H. W. 1951 Dunn
4706. Lynch, T. F. 1964 Monroe
2872. Lynch, W. F. 1939 Roxboro
1666. Lyon, O. H. 1912 N. Wilkesboro

Mc

2997. McAdams, J. W. 1942 Burlington
2694. McAllister, H. C. 1935 Chapel Hill
3574. McAllister, L. B. 1952 Graham
5346. McArver, H. F., Jr. 1969 Durham
4707. McBryde, J. A., Jr. 1964 Laurinburg
2787. McBryde, R. V. 1937 Fayetteville
5537. McCall, F. S. 1970 Burnsville
4911. McCall, Rebecca P. (Mrs.) 1966 Tryon
5633. McCall, T. C. 1971 Dallas
2741. McCarn, M. R. M. (Mrs.) 1936 Mount Pleasant
4976. McCaskill, R. L. 1966 Ellerbe
5278. McClellan, J. P. 1969 Winston-Salem
2704. McCollum, N. H., Jr. 1935 Eden
2628. McCombs, L. M. 1932 Creedmoor
5023. McCommons, R. J. 1967 Statesville
4077. McCorkle, M. E. 1958 Burlington
3469. McCormac, D. A. 1951 Clayton
4117. McCormick, D. F. 1958 Greensboro
5176. McCowen, J. C., III (Ga.) 1968 Milledgeville, Ga.
4626. McCoy, L. T., Jr. 1963 Virginia Beach, Va.
5024. McCoy, Q. H. 1967 Grover
4728. McCrackin, F. A. (S. C.) 1964 Wilmington
2996. McCrimmon, D. G. 1942 Pittsboro
2277. McCrummen, D. C. 1925 Aberdeen
4172. McCurdy, M. B. 1959 Mebane
4058. McDaniel, Eldon (S. C.) 1958 Charlotte
2540. McDaniel, P. L. 1930 Wilmington
1569. McDonald, A. H. 1910 Durham
4427. McDonald, E. J. 1961 Reidsville
4033. McDonald, Joanne S. (Mrs.) 1957 Hickory
3269. McDonald, J. C. 1949 Durham
4000. McDonald, W. R., III 1957 Hickory
3052. McDowell, N. O., Jr. 1944 Scotland Neck
1742. McDuffie, R. A. 1914 Greensboro
2902. McFall, C. D. 1940 Madison
5427. McFall, Constance W. (Mrs.) 1970 Durham
2859. McFalls, O. W. 1939 Greensboro
2903. McFalls, S. W. 1940 Greensboro
3422. McFarland, T. W. (S. C.) 1951 Charlotte
4627. McGee, C. M. 1963 Pittsboro
3470. McGee, J. C., Jr. 1951 Asheville
2995. McGowan, D. F. 1942 Chapel Hill
5574. McGraw, W. D. (Ind.) 1970 Indianapolis, Ind.
3904. McGugan, V. G. 1956 Mocksville
3386. McGuire, J. M. 1950 Carmichael, Calif.

5538. McHaney, Carol Ann 1970 Greenville, S. C.
3506. McKeithan, Herbert, Jr. 1951 Laurinburg
5634. McKellar, W. E., Jr. 1971 Greenville
3279. McKenzie, C. B. (S. C.) 1949 Winston-Salem
4628. McKenzie, G. W. 1963 High Point
3645. McKenzie, P. H. (S. C.) 1953 Jacksonville
5539. McKinley, R. S. 1970 Burgaw
4708. McKinnon, H. H., Jr. 1964 Durham
3351. McKittrick, R. L. (S. C.) 1950 Stony Point
2993. McKnight, L. E., Jr. 1942 Coats
4481. McLarty, G. C., Jr. 1962 High Point
3106. McLean, A. L., Jr. 1945 Angier
2767. McLean, G. W. 1937 Clinton
5025. McLeod, D. C. 1967 Chapel Hill
4345. McNair, W. D. (Ala.) 1960 Gadsden, Ala.
4761. McNamara, J. W. (Wash.) 1964 Fort Bragg
4131. McNeely, J. L. (Va.) 1958 Charlotte
2550. McNeill, A. D. 1930 Norwood
4939. McNeill, H. F. (S. C.) 1966 Norwood
2904. McNeill, J. A. 1940 Whiteville
4326. McNeill, J. P. 1960 Norwood
2679. McNeill, L. J. 1934 Norwood
5063. McNew, F. H., Jr. (Md.) 1967 Salisbury
3943. McQueen, Nancy W. (Mrs.) 1956 Clyde
4842. McSwain, J. W. 1965 Shelby
5043. McVay, B. G. (Ga.) 1967 Cochran, Ga.

M

1902. Mabry, C. S. 1917 Hamlet
5241. MacCartney, J. E. (Ohio) 1969 Youngstown, Ohio
3126. Mackie, Frances C. (Mrs.) 1946 Winston-Salem
3214. Malion, H. E. 1948 Fairmont
4440. Mallchok, Harry (Mich.) 1961 Haslett, Mich.
5297. Malone, J. E. 1969 Zebulon
5540. Maner, J. F., Jr. 1970 Williamston
3775. Manfred, F. A. (Pa.) 1954 Rochester, N. Y.
4660. Mann, W. F., Jr. (S. C.) 1963 Statesville
5149. Mannone, L. J. (Wyo.) 1968 Garden Grove, Calif.
5428. Manship, M. A. 1970 Lenoir
5374. Marett, R. K. (Ga.) 1969 Forest Park, Ga.
4709. Markham, G. O. 1964 Fayetteville
2469. Markham, G. W. 1928 Fayetteville
5396. Marks, E. L., Jr. (S. C.) 1970 Rockingham
4587. Marks, Jack 1963 St. Petersburg, Fla.
5541. Marlin, L. N. 1970 Statesville
3859. Marple, K. E. (Ky.) 1955 Lebanon, Ky.
4102. Marsh, J. W. (Ga.) 1958 Charlotte
4174. Marsh, W. L. 1959 Shelby
5205. Marshall, Kay J. (Mrs.) 1968 Charlotte
1994. Martin, A. N. 1920 Roanoke Rapids
5139. Martin, Ellon S. (Mrs.) 1968 Fayetteville
3905. Martin, J. W. 1956 Wilson
5429. Martin, P. G. 1970 Winston-Salem
4655. Martin, R. C. (Pa.) 1963 Miami Beach, Fla.
4225. Martin, R. J. 1959 Chester, S. C.
3387. Martin, R. M. 1950 Ahoskie
5114. Martin, T. M. (S. C.) 1968 Jacksonville
4927. Marx, R. H. (Va.) 1966 Winston-Salem
4802. Mason, J. B. 1965 Bakersville
4876. Mason, J. C. 1965 Franklin
5602. Massengill, D. W. (Tenn.) 1971 Bristol, Tenn.
5131. Massey, J. D. 1968 Hendersonville
4078. Mast, W. H. 1958 Henderson
4770. Matchett, K. L., Jr. (Pa.) 1964 Jeannette, Pa.
1687. Mathes, T. J. 1912 Durham
3234. Mathews, G. W., Jr. 1948 Asheville
5132. Matthews, Bonnie B. (Mrs.) 1968 Clinton
4525. Matthews, G. D., Jr. 1962 Stoneville
5026. Matthews, H. L. 1967 Eden
2780. Matthews, J. I. 1937 Raleigh
5083. Matthews, J. S. 1967 Clinton
4975. Matthews, L. W., III 1966 Burlington
3823. Matthews, O. A. (S. C.) 1955 Dover, Del.
2729. Matthews, W. F., Jr. 1936 Raleigh
2401. Matthews, W. McD. 1927 Alexandria, Va.
4825. Mattingly, D. L. (Ind.) 1965 College Park, Ga.
3035. Mattison, Elizabeth W. (Mrs.) 1943 Lubbock, Tex.
5152. Mattocks, Lillian D. (Mrs.) 1968 Chapel Hill

5115. Mattox, J. L. (Tenn.) 1968 Bryson City
3575. Mauney, H. McC. 1952 Murphy
3763. Maxwell, W. L. (Ga.) 1954 South Boston, Va.
4912. May, Emanuel, III 1966 Burlington
4526. May, G. F. 1962 Washington
3191. Mayberry, H. C. 1947 Winston-Salem
3697. Mazzolini, E. J. (Vt.) 1953 Winston-Salem
4994. Meade, E. H. (S. C.) 1967 Greensboro
5084. Meads, L. C. 1967 Durham
3327. Means, M. R. (S. C.) 1949 Hickory
4482. Meares, J. F. 1962 Wilson
3944. Mebane, A. H., III 1956 Greensboro
2016. Mebane, W. M. 1920 Hendersonville
5542. Medding, Candice B. (Mrs.) 1970 Va. Beach, Va.
4502. Medlin, F. W. (S. C.) 1962 Salisbury
5133. Medlin, G. L. 1968 Wilmington
4629. Medlin, W. D. 1963 Elizabeth City
3424. Medlin, W. E. (S. C.) 1951 Gastonia
5603. Mellon, W. S. (Mass.) 1971 Fayetteville
4395. Mendes, R. W. 1961 Mansfield, Mass.
3945. Meroney, C. P. 1956 Columbus
3321. Merrill, G. B., Jr. (Fla.) 1949 Lakeland, Fla.
5543. Merritt, G. J. 1970 Valdosta, Ga.
4803. Merritt, L. J. 1965 Belmont
3662. Merritt, M. E. 1953 Wilmington
3742. Meschke, Barbara D. (Mrs.) 1954 Kinston
3626. Meschke, R. W. 1953 Kinston
3411. Metts, H. M. (S. C.) 1950 Charlotte
5085. Michael, H. M. 1967 Greensboro
5468. Middlebrooks, Douglas (Mich.) 1970 Detroit, Mich.
4118. Mikeal, Shirley M. (Mrs.) 1958 Lenoir
1963. Miles, M. C. 1917 Henderson
4291. Miley, J. J., Jr. 1960 Southern Pines
2970. Millaway, E. D. 1941 Burlington
4035. Miller, D. J. 1957 Morganton
4458. Miller, D. T. (Pa.) 1962 Charlotte
4588. Miller, J. C. 1963 Boone
4710. Miller, J. H. 1964 Rockville, Md.
4327. Miller, J. L. 1960 Statesville
5544. Miller, Judith McF. 1970 Asheville
2919. Miller, P. W. 1940 Spencer
2717. Miller, R. E. (S. C.) 1935 Nags Head
4175. Miller, S. G. 1959 Lexington
3663. Miller, W. J. 1953 Statesville
5390. Miller, W. L. (W. Va.) 1970 Nitro, W. Va.
1883. Millican, A. G. 1916 Wilmington
4641. Milligan, D. L. (S. C.) 1963 Leicester
3805. Milliones, P. T. 1955 Charlotte
2062. Mills, J. C. 1921 Mount Airy
4589. Mills, J. E. 1963 Cherokee
3853. Mills, J. E. 1955 Mt. Airy
3507. Mills, O. W. 1951 Eden
4079. Mills, R. C. 1958 Lenoir
2121. Milton, R. H. 1923 Salisbury
5545. Minor, J. R. 1970 Newton, Mass.
5635. Minton, J. G. 1971 Murfreesboro
2922. Minton, S. S., Jr. 1940 Asheville
5027. Minton, S. S., III 1967 Asheville
2693. Mitchell, C. E. (S. C.) 1934 Highlands
1707. Mitchell, H. G. 1913 Elizabeth City
2738. Mitchell, J. D. 1936 Kannapolis
4292. Mitchell, R. G. 1960 Eden
3388. Mitchell, T. W. 1950 Cary
2775. Mitchener, J. A., Jr. 1937 Edenton
4804. Mitchener, J. A., III 1965 Edenton
3235. Mitchener, J. W. 1948 Charlotte
2748. Mitchener, Nancy P. (Mrs.) 1936 Edenton
3715. Mobley, B. K. 1954 Asheboro
2897. Mock, C. H. (Tenn.) 1939 Boone
5469. Mock, G. W. (Ohio) 1970 Parma, O.
3696. Moir, A. L. (S. C.) 1953 Winston-Salem
3081. Montesanti, Joseph, Jr. 1945 Southern Pines
4226. Montgomery, D. W. 1959 Greensboro
2004. Moore, A. R. 1920 Wilson
2994. Moore, B. McI. 1942 Eastport, N. Y.
5186. Moore, B. S. (Tenn.) 1968 Cleveland, Tenn.
5430. Moore, G. W., Jr. 1970 Lincolnton
5028. Moore, H. J. 1967 Spindale
5052. Moore, J. H. (Ala.) 1967 Conyers, Ga.
3716. Moore, J. T. 1954 Aberdeen
4974. Moore, J. T. 1966 Durham
3687. Moore, J. W. (Ga.) 1953 Mooresville
3508. Moore, K. E. 1951 Goldsboro
2327. Moore, M. A. 1926 Tarboro
3471. Moore, M. A., Jr. 1951 Tarboro
5059. Moore, O. R. (S. C.) 1967 Boiling Springs
5546. Moore, S. R. 1970 Tuba City, Ariz.
4227. Moore, T. B. 1959 Spencer

2339. Moore, T. J. 1926 Wilson
5086. Moore, T. M. 1967 Wilmington
3866. Moore, W. D. (Va.) 1955 Tarboro
3509. Moorefield, G. McD. 1951 Lexington
2372. Moose, H. A. 1927 Mount Pleasant
2365. Moose, W. L. (Md.) 1926 Mount Pleasant
4397. Moose, W. W. 1961 Mount Pleasant
5372. Morgan, C. O., Jr. (S. C.) 1969 Rock Hill, S. C.
3270. Morgan, G. D. 1949 Raleigh
5087. Morgan, J. L., Jr. 1967 Raleigh
1966. Morgan, J. T. 1918 Benson
5431. Morisey, Frances D. (Mrs.) 1970 Raleigh
4133. Morris, A. E., Jr. (S. C.) 1958 Mt. Airy
3439. Morris, E. M. 1951 Brevard
3493. Morris, H. V. (Ga.) 1951 Waynesville
5134. Morris, M. M. 1968 Wilmington
4002. Morris, S. C. 1957 Bayboro
4483. Morris, W. W. 1962 Bessemer City
3946. Morrison, B. P. 1956 Wilson
4293. Morrison, G. A. 1960 Suffolk, Va.
3771. Morse, L. D., Jr. (Ga.) 1954 Raleigh
3053. Morton, W. A. 1945 Wilmington
3389. Moseley, Marina C. 1950 Richmond, Va.
4542. Moseley, W. G. (Ga.) 1962 College Park, Ga.
4711. Moser, J. F. 1964 High Point
5655. Moser, R. S. (Mich.) 1971 Johnson City, Tenn.
3472. Moskowitz, Eugene 1951 New York, N. Y.
2648. Moss, F. M. 1933 Gastonia
4590. Moss, F. M., Jr. 1963 Gastonia
5005. Most, W. R. H. (Pa.) 1967 Canton, Pa.
3525. Mosteller, W. H. (S. C.) 1951 Albemarle
4001. Mueller, R. E. 1957 Walkertown
5029. Mullis, R. N. 1967 Charlotte
1733. Munday, C. C. 1913 Rural Hall
3743. Muratori, A. J. 1954 Summerfield
3099. Muratori, Francis 1945 Fontana Dam
5547. Murchison, C. L. 1970 Rocky Mount
1606. Murphy, J. C. 1911 Charlotte
2548. Murr, G. F. 1930 Thomasville
3744. Murray, B. R. 1954 Raleigh
2730. Murrell, H. T. 1936 Albemarle
4527. Murrell, H. T., Jr. 1962 Albemarle
5209. Musselwhite, Nancy A. (Mrs.) 1968 Carolina Beach
5030. Musselwhite, N. H., III 1967 Carolina Beach
5088. Myers, C. E. 1967 Richmond, Va.
4864. Myers, H. A. 1965 High Point
4328. Myers, J. C. 1960 Louisburg
3236. Myers, L. M. 1948 Winston-Salem
4750. Myhre, J. H. 1964 Raleigh
4259. Myrick, W. G. (S. C.) 1960 Winston-Salem

N

5104. Nairon, R. G. (Tenn.) 1967 Atlanta, Ga.
4176. Nance, B. J. 1959 Concord
5636. Nance, J. E. 1971 Chapel Hill
2096. Nance, J. S. 1922 Charlotte
4036. Nance, J. S., Jr. 1957 Matthews
4868. Nance, Tilda B. (Mrs.) (Ala.) 1965 Sarasota, Fla.
2672. Neal, C. L. 1934 Elizabeth City
4294. Neal, D. E. 1960 Locust
4977. Neal, Donna B. (Mrs.) 1966 Valdosta, Ga.
4591. Neal, L. K. 1963 Valdosta, Ga.
4908. Neal, Mary J. 1966 Concord
5548. Neal, R. S. 1970 Burlington
3886. Needham, B. W. 1955 Mt. Airy
3923. Neeland, E. C. (Ala.) 1956 Wilson
3144. Neely, C. M. 1946 Winston-Salem
2785. Neil, J. W. 1937 Huntersville
5150. Nelson, M. R. (La.) 1968 Metairie, La.
5151. Nelson, Paula T. (Mrs.) (La.) 1968 Metairie, La.
4459. Nelson, W. E. (Ga.) 1962 College Park, Ga.
3869. Nemargut, Joseph (Mich.) 1955 Wilmington
2380. Neville, Augustus, Jr. 1927 Spring Hope
4445. Newbern, M. L. (S. C.) 1961 Wilson
4978. Newman, M. S. 1966 Salisbury
5549. Newsome, A. E. 1970 High Point
4146. Newton, J. C. (S. C.) 1959 Fayetteville
4145. Newton, J. G. (S. C.) 1959 Fayetteville
5470. Nichols, C. L. (Pa.) 1970 Phoenix, Ariz.
5031. Nichols, L. W. 1967 Taylorsville
4614. Nicholson, Sylvia C. (Mrs.) (S. C.) 1963 W. Columbia, S. C.

4047. Niles, E. L. (Tenn.) 1957 Marshall
4871. Niles, J. R. (Miss.) 1965 Oak Ridge, Tenn.
4843. Nine, C. E. 1965 St. George, S. C.
4913. Nixon, Amanda H. (Mrs.) 1966 Dallas
4439. Norman, D. D. (Ga.) 1961 Hendersonville
2181. Norman, J. P. (Va.) 1924 Greensboro
5660. Norman, M. J. (Va.) 1971 Rutherfordton
3947. Norris, Barbara A. (Mrs.) 1956 Charlotte
5164. Norris, B. A. (S. C.) 1968 Whiteville
3948. Norris, C. A. 1956 Charlotte
3342. Northcott, Jean L. (Mrs.) 1950 Winston-Salem
3473. Northcott, W. W. 1951 Winston-Salem

O

2466. Oakley, C. H. 1928 Roxboro
2950. Oakley, C. S. 1941 Mebane
5637. Oakley, C. T., Jr. 1971 Roxboro
4119. Oakley, J. R. 1958 Washington
5210. Oakley, W. M. 1968 New Bern
2802. Oates, C. C. 1938 Hendersonville
4329. O'Briant, G. L., Jr. 1960 Fayetteville
2879. O'Daniel, J. S. 1939 Lenoir
4120. O'Daniel, J. S., Jr. 1958 New Bern
5367. Odekirk, Sharon E. 1969 Chapel Hill
3925. O'Dell, B. B. (Ga.) 1956 Miami, Fla.
3597. Odom, L. A. (S. C.) 1952 Wilmington
4046. O'Donnell, P. F., Jr. (Ind.) 1957 Colonial Heights, Va.
5236. O'Harrow, R. E. (Va.) 1968 Henderson
4177. Oldham, J. A., III 1959 Kenly
4886. O'Linn, C. E. (Ohio) 1966 Winston-Salem
4670. Olivarez, A. D. (Tex.) 1964 Asheville
3012. Oliver, G. G. (S. C.) 1943 Conway, S. C.
5154. Oliver, J. H., Jr. (S. C.) 1968 Greensboro
5373. Olsen, J. L. (Minn.) 1969 Chapel Hill
2315. O'Neal, W. P. 1926 Belhaven
5254. O'Neal, W. P., Jr. 1969 Belhaven
4412. O'Neil, F. A. (S. C.) 1961 Winston-Salem
4844. Orander, W. D., Jr. 1965 Statesville
4320. Osborne, Doris H. (Mrs.) 1960 Asheboro
5638. Ottmar, R. A. 1971 Durham
5550. Overcash, N. G. 1970 Chapel Hill
3343. Overton, D. S. 1950 Sanford
4592. Overton, R. B., Jr. 1963 Raleigh
3154. Owen, F. R. (Ga.) 1935 Columbus
5578. Owen, H. C., Jr. (Va.) 1970 Phoenix, Ariz.
4914. Owen, J. M. 1966 Greensboro
3766. Owenby, Paul, Jr. (Ga.) 1954 Brevard
5639. Owens, T. C. 1971 High Point
3040. Owens, T. Q. 1943 Whiteville
4295. Owens, T. Q., Jr. 1960 Whiteville
4611. Owings, D. A. (S. C.) 1963 N. Augusta, S. C.
4419. Oxendine, D. H. (S. C.) 1961 Kannapolis
3913. Oxendine, J. E. (S. C.) 1956 Charlotte

P

5640. Pace, C. B. 1971 Goldsboro
3303. Pace, T. A. 1949 Hendersonville
5495. Pacenta, C. T. (Pa.) 1970 Greenville
3806. Paderick, H. C. 1955 Kinston
3510. Padgett, H. F. 1951 Chapel Hill
2803. Page, C. E., Jr. 1938 Henderson
4510. Page, C. F. (Ala.) 1962 Raleigh
3636. Page, G. A. (Ala.) 1953 Hickory
4229. Page, Jane W. (Mrs.) 1959 Washington
2220. Palmer, A. W. 1924 Sanford
5458. Palmer, Y. S., Jr. 1970 (Ga.) Atlanta, Ga.
3612. Paoloni, C. U. (N. J.) 1952 Chapel Hill
3390. Pappas, S. A. 1950 Charlotte
3391. Paramore, R. A. 1950 Nashville
3268. Pardue, Viola R. (Mrs.) 1949 Dobson
4915. Pare, Emily A. 1966 Charlotte
4428. Parham, Linda J. (Mrs.) 1961 Greenville
4231. Parker, F. B., Jr. 1959 Jacksonville
5432. Parker, J. E. 1970 Smithfield
2474. Parker, N. M. 1929 Fayetteville
4484. Parker, R. G. 1962 Richmond, Va.
2123. Parker, W. W., Jr. 1923 Henderson
2827. Parks, W. A. 1938 Davidson
4941. Parmesano, F. J. (W. Va.) 1966 Winston-Salem
3440. Parrish, A. S. 1951 Newton Grove
2569. Parrish, L. F. 1931 Rocky Mount
3101. Parsons, R. H. 1945 Middleburgh, N. Y.

5002. Parsons, Wanda (Ala.) 1967 Jacksonville, Fla.
5347. Patrick, G. A. 1969 Chapel Hill
4773. Patronis, C. G. (Ga.) 1964 Decatur, Ga.
4330. Patterson, F. T. 1960 McLean, Va.
3451. Patterson, J. L. (S. C.) 1951 Statesville
5551. Patterson, R. D. 1970 Lincolnton
4712. Patterson, W. E. 1964 Lafayette, Ind.
5641. Pattisall, J. C. 1971 Rocky Mount
3808. Patton, J. B., Jr. 1955 Canton
3745. Patton, W. H. 1954 Marion
4845. Paul, W. L. 1965 Gainesville, Fla.
3167. Paull, Shirley H. (Mrs.) 1947 Durham
3356. Payne, Jean W. (Mrs.) (Va.) 1950 Greensboro
5433. Peal, G. A. W. 1970 St. Pauls
5135. Peal, W. I. III 1968 Chadbourn
4668. Pearrell, E. H. (Md.) 1964 Silver Spring, Md.
3474. Pearson, Sarah P. (Mrs.) 1951 Apex
5304. Pechal, F. L. (N. J.) 1969 Cary
3131. Pecora, Ruth P. (Mrs.) 1946 Raeford
5280. Peddycord, June R. (Mrs.) 1969 Cary
2089. Pegram, Addie B. (Mrs.) 1922 Apex
4232. Peile, J. I., Jr. 1959 Valdese
4485. Pelt, A. G. 1962 Goldsboro
5175. Pender, J. B., Jr. (Ga.) 1968 Charlotte
3809. Penland, J. T. 1955 Butner
3490. Penn, W. C. (La.) 1951 Winston-Salem
4359. Pennington, W. L. (W. Va.) 1960 Newton Square, Pa.
4937. Pentecost, W. V., Jr. (Ga.) 1966 Atlanta, Ga.
4979. Penzotti, Suzanne S. 1966 Rockville, Md.
4713. Perkins, J. C. 1964 King
4003. Perkins, L. P., Jr. 1957 South Boston, Va.
5642. Perkinson, Edna T. 1971 Winston-Salem
5240. Perlow, S. H. (Pa.) 1969 Pittsburgh, Pa.
3665. Perrow, W. S. 1953 Lynchburg, Va.
4659. Perry, J. T. (S. C.) 1963 Wilson
3532. Perry, Margaret B. (Mrs.) 1952 Apex
3392. Perry, V. H., Sr. 1950 Franklin
2568. Perry, W. R. 1931 Burlington
5169. Peters, Brenda H. (Mrs.) 1968 Charleston, S. C.
5471. Peters, N. J. (Va.) 1970 Richmond, Va.
4398. Peterson, D. V. 1961 Durham
5246. Petropoulos, C. T. (W. Va.) 1969 Morgantown, W. Va.
5643. Petty, Mary F. (Mrs.) 1971 Greensboro
5089. Pharr, Angela C. (Mrs.) 1967 Concord
5032. Pharr, J. N. 1967 Kannapolis
5584. Philbeck, Evelyn C. (Mrs.) (Va.) 1970 Shelby
5434. Phillips, G. S., Jr. 1970 Roxboro
2675. Phillips, J. E. 1934 Raleigh
2014. Phillips, M. B. 1920 Charlotte
2833. Phillips, O. J. 1938 Ft. Lauderdale, Fla.
5187. Phillips, R. O. (Ohio) 1968 Elizabeth City
2329. Phillips, W. P. 1926 Morganton
3666. Piantadosi, Claude 1953 Chapel Hill
3029. Pickard, J. F. 1943 Greensboro
2951. Pickard, J. M. 1941 Durham
4630. Pickett, T. J. 1963 Asheboro
5296. Piercy, B. B. (Tenn.) 1969 Norcross, Ga.
2349. Pigott, D. S. 1926 Gloucester
4528. Pike, Ellen Louise 1962 Concord
2905. Pike, J. M. 1940 Concord
2861. Pike, J. W., Jr. 1939 Concord
5282. Pike, J. W. III 1969 Concord
2533. Pinnix, J. L. 1930 Kernersville
5348. Pinnix, J. M., III 1969 Kernersville
5247. Pippin, J. F. (Tex.) 1969 Winston-Salem
3725. Pistole, C. E. (Tenn.) 1954 Morristown, Tenn.
3810. Pittman, B. E. 1955 Valdese
3304. Pittman, G. R. 1949 Smithfield
3223. Pittman, J. H. (Tex.) 1948 Fayetteville
5435. Pittman, M. G. 1970 Ft. Leavenworth, Kansas
5644. Pittman, W. G., Jr. 1971 Rocky Mount
5391. Pitts, J. S. (S. C.) 1970 Shelby
5454. Pitts, W. P. (S. C.) 1970 Hickory
3305. Plemmons, Charlotte B. (Mrs.) 1949 Asheville
5349. Plisco, I. S. 1969 Greensboro
5553. Poe, W. D. 1970 Apex
4004. Polk, J. W. 1957 Wilmington
5472. Polsky, J. R. (Mich.) 1970 Oak Park, Mich.
3911. Ponder, R. F. (S. C.) 1956 Mt. Holly
4179. Ponder, W. N., Sr. 1959 Hendersonville
2204. Poole, L. B. 1924 Thomasville

5552. Poole, Mary P. (Mrs.) 1970 Glen Raven
5595. Pope, J. R. (Ala.) 1971 Clayton, Ga.
4846. Pope, L. H. 1965 Winston-Salem
1821. Porter, C. D. 1915 Concord
3906. Porter, Ernest, Jr. 1956 Concord
4486. Post, Hazel G. (Mrs.) 1962 Reidsville
5183. Post, W. E., Jr. (Ga.) 1968 Reidsville
3237. Powell, E. S. 1948 Oxford
4762. Powell, S. T. (Tenn.) 1964 Thomasville
5554. Powell, Sherlynn D. (Mrs.) 1970 Raleigh
5033. Powell, W. D. 1967 Fuquay-Varina
3811. Powell, W. P. 1955 Mars Hill
5436. Powers, J. W. 1970 Morganton
4806. Presson, Nancy B. (Mrs.) 1965 Plymouth
4180. Prevo, J. M. 1959 Asheboro
4192. Prewitt, R. W. (Ohio) 1959 Mentor, Ohio
3746. Price, B. L. 1954 Conover
2804. Price, H. G. 1938 Raleigh
4530. Price, J. D. 1962 Raleigh
2007. Price, S. H. 1920 Mooresville
3578. Price, S. H., Jr. 1952 Mooresville
4399. Price, S. S. 1961 Clinton
4081. Priest, Janice P. (Mrs.) 1958 Scott Depot, W. Va.
2910. Proctor, W. V. 1940 Charlotte
4082. Proffitt, Bill 1958 Spruce Pine
3238. Propst, G. B. 1948 Morganton
5496. Propst, W. S. (Ala.) 1970 Troy, Mich.
2801. Provo, Jean Bush (Mrs.) 1938 Raleigh
3863. Pruett, I. J. (Ind.) 1955 Angier
2697. Puckett, U. S. 1935 Stovall
3307. Puckett, W. M. 1949 Robbins
2111. Pugh, E. S. 1922 Windsor
5319. Pulliam, C. C. (La.) 1969 Chapel Hill
3393. Pulliam, H. F. 1950 Kernersville
2732. Purcell, D. C. 1936 Salisbury
4916. Purcell, D. C. 1966 Charlotte
2915. Purcell, S. M., Jr. 1940 Salisbury
4317. Purser, Helen D. (Mrs.) 1960 Bayboro
4487. Purser, M. H. 1962 Bayboro
5105. Putnam, A. D. (S. C.) 1967 Danville, Va.
4488. Putnam, J. V. 1962 Bessemer City

Q

4807. Quackenbush, P. D. 1965 Gastonia
4808. Quesada, L. M. 1965 Charlotte
3627. Quick, J. D., Jr. 1953 Winston-Salem
5329. Quigley, Janet D. (Mrs.) 1969 Durham

R

4751. Rabb, R. P., II 1964 Miami, Fla.
3394. Rabil, E. J. 1950 Winston-Salem
3193. Rachide, A. P. 1947 Jacksonville
5350. Rachide, F. J. 1969 Fayetteville
5645. Rains, R. H. 1971 Tarboro
4593. Ramsey, K. R., Jr. 1963 Gastonia
4631. Ramsey, Margaret P. (Mrs.) 1963 Gastonia
3395. Rancke, J. M. 1950 Lumberton
4809. Randall, D. L. 1965 Asheville
4652. Randall, F. H., Jr. (Va.) 1963 Portsmouth, Va.
5211. Randall, Sandra S. (Mrs.) 1968 Asheville
3579. Randall, W. H., Jr. 1952 Lillington
4489. Randleman, E. A., Jr. 1962 Mt. Airy
4453. Rankin, Claire D. (Ia.) 1961 Erwin, Tenn.
4011. Rankin, R. A. (Miss.) 1957 Kingsport, Tenn.
2873. Rankin, W. B. 1939 Arlington, Va.
3216. Ranzenhofer, J. A. 1948 Greensboro
3831. Raper, D. J. 1955 Rocky Mount
4594. Raper, F. E. 1963 Goldsboro
4536. Rasor, P. W., Jr. (S. C.) 1962 Dunn
4121. Rauch, R. K. 1958 Mocksville
5368. Rawlins, J. F. 1969 Tarboro
5351. Ray, A. B. 1969 Covington, Ga.
5310. Ray, David V. (Ga.) 1969 Morganton
2611. Ray, Frederick, Jr. 1932 Sanford
2607. Reamer, I. T. (Md.) 1931 Durham
3580. Reaves, C. A. 1952 Asheboro
2724. Reaves, H. C. 1936 Pinehurst
4714. Reaves, H. C., Jr. 1964 Pinehurst
2535. Reaves, L. E., Jr. 1930 Fayetteville
4595. Reaves, T. B. 1963 Fayetteville
5212. Reddick, Mona B. (Mrs.) 1968 Chapel Hill
4555. Reeder, G. L. (Ohio) 1962 Akron, O.
3581. Reese, J. N. 1952 Kannapolis
4140. Reinhardt, B. B. (Pa.) 1958 Belhaven
4882. Reinhardt, Manfred (Va.) 1965 Waynesboro, Va.
4103. Reynolds, E. H. (S. C.) 1958 Columbia, S. C.
3239. Rhem, J. F. 1948 Florence, S. C.
3949. Rhoades, J. D. 1956 Aberdeen
5213. Rhoden, C. W., Jr. 1968 Charlotte
4233. Rhodes, D. E. 1959 Morganton

4847. Rhyne, C. R. 1965 Hickory
5555. Rice, C. D. 1970 Reidsville
3530. Rice, H. C. (N. D.) 1952 Charlotte
4949. Rice, J. P. (Ga.) 1966 Hickory
5090. Rice, L. G. 1967 Hickory
2262. Rice, L. D. 1925 Maxton
4430. Rice, W. A. 1961 Charlotte
3308. Rich, H. C. 1949 Garland
4083. Rich, R. E., Jr. 1958 Brevard
4917. Rich, R. H. 1966 Fayetteville
5473. Richards, M. E. (Ohio) 1970 Southfield, Mich.
4442. Richards, T. L. (Ala.) 1961 Hickory
2546. Richardson, O. K. 1930 Boone
4918. Richardson, P. H. 1966 Raleigh
3704. Richardson, V. H. (S. C.) 1954 Greensboro
2584. Richardson, W. R. 1931 Boone
5157. Richmond, D. K., Sr. (W. Va.) 1968 High Point
5034. Rickard, H. F., II 1967 Kannapolis
5136. Rickelton, D. K. 1968 Richmond, Va.
5455. Rickenbacker, H. L. (S. C.) 1970 Chapel Hill
5137. Ricks, A. A. 1968 Atlanta, Ga.
4400. Ridenhour, H. B. 1961 Statesville
3102. Riegel, M. S. 1945 Owego, N. Y.
3103. Riggsbee, E. L. 1945 Durham
3628. Riggsbee, V. L., Jr. 1953 Charlotte
2916. Rimmer, Helen B. (Mrs.) 1940 Charlotte
4556. Rinehart, W. A. (Ohio) 1962 Charlotte
2468. Ring, C. A., Jr. 1928 High Point
4848. Ring, Elizabeth Ann 1965 Raleigh
4749. Ringrose, Lilia M. (Mrs.) 1964 Gainesville, Fla.
4810. Ripoll, Jose 1965 Coral Gables, Fla.
5646. Rippy, G. L. 1971 Durham
4563. Ritchie, G. F. (Mass.) 1963 Plymouth, Mass.
5035. Rittase, Elizabeth P. (Mrs.) 1967 Charlotte
4928. Rittase, R. A. (Pa.) 1966 Hanover, Pa.
4097. Rivers, J. B. (S. C.) 1958 Chesterfield, S. C.
2511. Roberson, Culas, 1929 Eden
4596. Roberson, G. R. 1963 Eden
3475. Roberts, D. A. 1951 Fayetteville
4122. Roberts, S. B. 1958 Black Mountain
5007. Robertson, A. F. (Va.) 1967 Martinsville, Va.
1517. Robertson, E. G. 1910 Va. Beach, Va.
3539. Robertson, W. N., Jr. 1952 Laurinburg
4203. Robey, G. W. (W. Va.) 1959 N. Wilkesboro
2674. Robinson, Carlton 1934 Morehead City
5138. Robinson, C. W., Jr. 1968 Winston-Salem
2740. Robinson, D. P. 1936 Oxford
3971. Robinson, D. B. (Ga.) 1956 Charlotte
5437. Robinson, Ellen C. 1970 Carrboro
3137. Robinson, Harriett A. (S. C.) 1946 Pinehurst
3950. Robinson, J. C., Jr. 1956 Roanoke Rapids
4987. Robinson, Jean F. (Mrs.) 1966 Charlotte
2816. Robinson, T. R., Jr. 1938 Goldsboro
5661. Robison, L. S., III (Miss.) 1971 Garner
3253. Rodgers, M. E., Jr. (S. C.) 1948 Morehead City
4944. Roessler, G. A., Jr. (Ky.) 1966 Marietta, Ga.
5556. Rogers, Francina M. 1970 Asheville
3667. Rogers, H. N., Jr. 1953 Lumberton
1644. Rogers, R. P., Sr. 1912 Durham
3309. Rogers, R. P., Jr. 1949 Durham
5379. Rogers, T. L. 1969 Gastonia
2527. Rogers, W. LeR. (S. C.) 1929 Benson
3202. Rogers, W. P. (Tenn.) 1947 Asheville
4538. Rogers, W. R. (Ga.) 1962 Hayesville
4447. Rogers, W. W. (S. C.) 1961 Shelby
2720. Rollins, E. W. (S. C.) 1935 Winston-Salem
4005. Rollins, S. W. 1957 Winston-Salem
4336. Romine, Carol W. (Mrs.) 1960 Skyland
4715. Romine, J. R. 1964 Skyland
3344. Roper, H. E. 1950 Indian Harbour Beach, Fla.
5557. Rose, C. W. 1970 Reidsville
3310. Rose, W. C. 1949 Wilson
3311. Rose, W. P. 1949 Greensboro
4716. Ross, B. T. 1964 Rutherford College
5313. Ross, E. B. (Ga.) 1969 Laurens, S. C.
3345. Ross, R. McG. 1950 Gastonia
5316. Ross, R. W. (Ga.) 1969 Laurens, S. C.
3059. Rosser, J. H. 1944 Charlotte
5558. Rostan, J. R. 1970 Morganton

3965. Roughton, R. H. (Ga.) 1956 Valley Station, Ky.
2700. Rouse, L. L. 1935 Fayetteville
5283. Rowe, Betty M. (Mrs.) 1969 Raleigh
5284. Rowe, J. M., Jr. 1969 Raleigh
4162. Royal, Pearl H. (Mrs.) 1959 Virginia Beach, Va.
2952. Royall, G. E., Jr. 1941 Elkin
5036. Roycroft, W. D. 1967 Shallotte
2263. Roycroft, W. R. 1925 Shallotte
3855. Rubin, S. P. 1955 Newport
4995. Rush, C. S., Jr. (S. C.) 1967 John's Island, S. C.
5172. Rush, E. R. (Va.) 1968 Martinsville, Va.
5438. Rushing, D. M. 1970 Marshville
4849. Rusk, O. D. 1965 Asheville
3583. Russell, G. C. 1952 Charlotte
2874. Russell, J. M., Jr. 1939 Canton
3240. Russell, J. T. 1948 Canton
3527. Russell, R. A. (Ga.) 1951 Winston-Salem
2924. Russell, T. W. 1940 Greensboro
4993. Ryan, J. P. (N. Y.) 1967 Syracuse, N. Y.

S

3397. Salley, W. M., Jr. 1950 Asheville
3812. Salter, R. L., Jr. 1955 Burlington
3511. Sampson, R. R. 1951 Greensboro
5049. Sams, Martin (N. J.) 1967 Miami, Fla.
1658. Sanders, A. J. 1912 Mt. Holly
3241. Sanders, C. H. 1948 Granite Quarry
3227. Sanders, Patsy B. (Mrs. C. H.) 1948 Salisbury
5352. Sands, C. D., III 1969 St. Petersburg, Fla.
1852. Sanford, R. D. 1916 Lumberton
4401. Sasser, J. M. 1961 Smithfield
5285. Satterwhite, R. W. 1969 Henderson
3398. Sauls, Doris H. (Mrs.) 1950 Raleigh
3476. Sauls, H. B. 1951 Raleigh
4431. Saunders, J. W. 1961 Wendell
4123. Saunders, W. K., Jr. 1958 Burlington
2917. Savage, M. C. 1940 Roanoke Rapids
4753. Savage, W. M. 1964 Roanoke Rapids
4490. Savoia, B. S., Jr. 1962 Salisbury
2528. Saxon, H. A. (Ga.) 1930 Harrisonburg, Va.
3887. Scarboro, W. L. 1955 Raleigh
3951. Schaefer, B. D. 1956 Fayetteville
3399. Scharff, R. E. 1950 Tarboro
4854. Scherer, R. E. (Ill.) 1965 Taft, Calif.
4006. Schlagel, A. P., Jr. 1957 East Bend
5559. Schmitz, Diana (Mrs.) 1970 Durham
4754. Schofield, J. C. 1964 Lexington
2991. Scoggin, H. P. 1942 Louisburg
2572. Scoggin, L. E., Jr. 1931 Louisburg
3757. Scudder, B. H. (Tenn.) 1954 Raleigh
3952. Seabock, R. L. 1956 Wilmington
3242. Seaborn, R. H. 1948 Raleigh
5474. Sebok, A. A. (Ohio) 1970 Bay Village, O.
5056. Seckler, D. A. (Ill.) 1967 Fayetteville
3312. Secrest, V. V., Jr. 1949 Monroe
4543. Secrist, D. D., Jr. (Va.) 1962 Lynchburg, Va.
5233. Segarra, Efrain (P. R.) 1968 Bayside, N. Y.
3860. Segars, J. H. (S. C.) 1955 Marion
4850. Sehorn, S. L. 1965 Winston-Salem
3686. Seibert, JoAnne I. (Mrs.) (Ga.) 1953 Greensboro
5647. Seigler, L. L. 1971 Durham
2379. Selden, J. S. 1927 Weldon
4980. Sellers, A. B., Jr. 1966 Jacksonville
5286. Sentelle, Mary F. 1969 Asheville
2908. Senter, L. M. 1940 Carrboro
5439. Setzer, B. R. 1970 Lincolnton
3813. Setzer, E. S., Jr. 1955 Glen Raven
3132. Sewell, Evelyn S. (Mrs.) 1946 Morehead City
4256. Shaheen, W. M. (Ga.) 1959 Blowing Rock
3872. Sharp, H. D. (S. C.) 1955 Cornelius
3158. Sharpe, W. C. (S. C.) 1946 Fayetteville
3814. Shaw, W. B. 1955 Mt. Olive
4919. Sheaffer, W. O. 1966 Swannanoa
4432. Shearin, R. H. 1961 Greensboro
4433. Sheets, J. P. 1961 Jefferson
4664. Shelley, B. E. (S. C.) 1964 Spartanburg, S. C.
3967. Shelton, W. D. (Ky.) 1956 Louisville, Ky.
3540. Shepherd, D. M. 1952 West Jefferson
5070. Shepherd, Rita B. (Mrs.) 1967 Asheville
3758. Shepherd, R. C., Jr. 1954 Lexington
3478. Sherard, G. S. 1951 Burlington
3953. Sherrill, F. L., Jr. 1956 Conover
3400. Sherwood, N. W. 1950 Lenoir
3030. Shields, C. L. 1943 Jacksonville

2666. Shigley, H. H. (Ohio) 1934 Asheville
4644. Shillinglaw, Joan S. (Mrs.) (Ga.) 1963 Elkin
4418. Shimon, R. F. (Wis.) 1961 Madison, Wis.
4331. Shoemaker, W. P. 1960 Eden
5560. Shokes, R. J. 1970 Hickory
3196. Shook, Eulan, Jr. 1947 Hickory
3401. Shore, V. A., Jr. 1950 Durham
3907. Shouse, W. D. 1956 Rural Hall
4597. Shuford, G. M. 1963 Shreveport, La.
3954. Shuford, G. W. 1956 Forest City
3616. Shultman, S. L., Jr. (S. C.) 1953 Charlotte
3955. Sigmon, R. G., Jr. 1956 Hickory
5214. Silver, Mary Ida 1968 Rolesville
4811. Sime, M. S. 1965 Shelby
5353. Simmons, C. A., Jr. 1969 Siler City
3759. Simmons, F. C., Jr. (S. C.) 1954 Cayce, S. C.
2989. Simmons, F. J. 1942 Hickory
3313. Simmons, Peggy C. (Mrs.) 1949 Lincolnton
3168. Simmons, W. A. 1947 Winston-Salem
2856. Simmons, W. C. 1939 Winston-Salem
5585. Simpson, A. V. (Ga.) 1970 Clayton, Ga.
4368. Simpson, J. T., Jr. (S. C.) 1961 Statesville
3199. Sinclair, F. A. 1947 Albemarle
2221. Sisk, C. J. 1924 Asheville
2742. Sisk, R. C. 1936 Black Mountain
3888. Sisk, W. T. 1955 Asheville
4920. Sitison, J. A., Jr. 1966 Winston-Salem
3718. Skakle, Sybil A. (Mrs.) 1954 Durham
4891. Skinner, E. D., Jr. (S. C.) 1966 Lincolnton
2935. Skinner, F. LaF. (Va.) 1941 Salisbury
5380. Skolaut, M. W. (Tex.) 1969 Durham
5392. Skolaut, Rheta L. (Mrs.) (Ga.) 1970 Durham
4017. Slaughter, T. G. (S. C.) 1957 Charlotte
3153. Slayton, Mary T. 1946 Silver Spring, Md.
3111. Slesinger, Stanley (D.C.) 1945 Charlotte
2875. Sloan, W. L. 1939 Chapel Hill
3956. Sloop, R. H. 1956 Rural Hall
4981. Small, R. H. 1966 Winston-Salem
4717. Smart, T. E. 1964 Hamlet
4234. Smith, A. G. 1959 Elizabethtown
4598. Smith, A. H. 1963 Fayetteville
4124. Smith, A. T. 1958 Winston-Salem
4672. Smith, B. R. (Ga.) 1964 Lexington, Ky.
5140. Smith, Charlotte J. 1968 Charlotte
2195. Smith, D. A. 1924 Lexington
4491. Smith, D. J. 1962 Statesville
5312. Smith, D. K. (S. C.) 1969 Inman, S. C.
5393. Smith, D. L. (Ill.) 1970 Zebulon
3727. Smith, E. A., Jr. (S. C.) 1954 Charlotte
4085. Smith, E. M. 1958 Tuscaloosa, Ala.
3615. Smith, G. C. (Ga.) 1953 Ocala, Fla.
3970. Smith, G. L. (S. C.) 1956 Charlotte
2810. Smith, H. E. 1938 High Point
5648. Smith, H. W. 1971 Greensboro
4125. Smith, J. E. 1958 Medford Lakes, N. J.
3320. Smith, J. G. (Ga.) 1949 Stokesdale
4921. Smith, J. G., Jr. 1966 Durham
4235. Smith, J. H., Jr. 1959 Fuquay-Varina
5586. Smith, K. K. (Ky.) 1970 Jacksonville
5561. Smith, L. A. 1970 Blairsville, Ga.
1634. Smith, Leon 1912 Kannapolis
5649. Smith, L. M. 1971 Charlotte
2926. Smith, L. W. 1940 Kannapolis
3449. Smith, N. A. (S. C.) 1951 Gastonia
2768. Smith, O. W. 1937 Pilot Mountain
3632. Smith, R. A. (Va.) 1953 Raleigh
4851. Smith, R. B., Jr. 1965 Newland
3669. Smith, R. G. 1953 Mt. Airy
3856. Smith, R. H. L. 1955 Greensboro
5235. Smith, R. O., Jr. (Tenn.) 1968 Maryville, Tenn.
3668. Smith, R. W., Jr. 1953 Charlotte
4756. Smith, Sandra W. (Mrs.) 1964 Greensboro
4531. Smith, S. McD., Jr. 1962 Charlotte
4332. Smith, Sue B. (Mrs.) 1960 Tuscaloosa, Ala.
2403. Smith, T. E. 1927 Goldsboro
4434. Smith, T. M. 1961 Winston-Salem
5001. Smith, V. I. (S. C.) 1967 Mullins, S. C.
2776. Smith, W. J. 1937 Chapel Hill
5440. Smith, W. L. 1970 Charlotte
3529. Smith, W. W. (Md.) 1951 Plantation, Fla.
4532. Smithwick, E. L., Jr. 1962 Indianapolis, Ind.
4718. Smyre, B. M. 1964 Newton
5141. Smyre, L. E. 1968 Hickory
4504. Snead, L. D. (W. Va.) 1962 Gastonia
4492. Snider, L. G. 1962 Southern Pines

5497. Snyder, C. E. (W. Va.) 1970 Nitro, W. Va.
3195. Snyder, S. E. 1947 Brevard
2199. Soler, Urbano, 1924 Miami, Fla.
3914. Solomon, Melvin (S. C.) 1956 Charlotte
5662. Souder, K. G. (Tenn.) 1971 Bristol, Tenn.
5058. Southam, J. E. (N. D.) 1967 Greensboro
5109. Southam, Roberta E. (Mrs.) (N. D.) 1967 Pleasant Garden
3272. Southern, J. C. 1949 High Point
2603. Sparkman, D. D., Jr. (Va.) 1931 St. Pauls
2336. Sparks, J. E. 1926 Hertford
2961. Sparks, L. R., Jr. 1941 Durham
5354. Spaulding, T. C. 1969 Carrboro
3479. Speight, E. C. 1951 Rocky Mount
3719. Speight, J. A. 1954 Rocky Mount
4350. Spence, W. R. (D. C.) 1960 Rocky Mount
4139. Speranza, C. F. (Mass.) 1958 Winston-Salem
4255. Spirko, Paul (Ohio) 1959 Fontana Dam
4296. Spittle, R. Y. 1960 Weaverville
5562. Spivey, Linda L. 1970 Durham
2346. Spoon, J. M. 1926 Charlotte
2451. Spoon, K. B. 1928 Belmont
4719. Sprinkle, T. D. 1964 Winston-Salem
5355. Stacy, J. N. 1969 Boone
2437. Stacy, L. B. (Ga.) 1928 Gastonia
5563. Stafford, Susan B. 1970 Greenville
3591. Stahl, G. M. (Va.) 1952 Durham
5356. Stallings, J. B. 1969 Greenville
5215. Stallings, Lynn C. (Mrs.) 1968 Selma
3957. Stalvey, J. C. 1956 Raleigh
4784. Stamatiades, J. P. (S. C.) 1965 Asheville
4609. Stamatiades, V. P. (S. C.) 1963 Charleston, S. C.
3926. Stamey, D. D. (Ga.) 1956 Asheville
4633. Stamey, G. M. 1963 Asheville
2505. Stamps, J. N. 1929 High Point
1260. Stanback, T. M. 1905 Salisbury
5357. Stancil, J. W. 1969 Wilson
3854. Stanford, Joyce N. (Mrs.) 1955 Chapel Hill
3418. Stang, David (Va.) 1950 Greensboro
3442. Stang, W. S. 1951 Greensboro
5564. Stanley, Becky F. (Mrs.) 1970 Durham
5565. Stanton, Diana L. 1970 New Bern
3748. Stanton, W. H. 1954 New Bern
5239. Stauffer, D. R. (Pa.) 1969 Greensboro
5475. Stavis, H. J. (Ohio) 1970 Columbus, O.
5037. Steadman, H. D., Jr. 1967 High Point
5184. Stedman, W. D. (Ind.) 1968 Conover
3865. Steele, G. H., Jr. (Ohio) 1955 Greensboro
5177. Steele, R. G. (S. C.) 1968 Greensboro
2565. Stein, Meyer (Pa.) 1930 Philadelphia, Pa.
3121. Stephens, Frank 1946 Triangle, Va.
4236. Stevens, C. L. 1959 Benson
2921. Stevens, M. W. 1940 Roanoke, Va.
1919. Stevenson, J. T. 1917 Elizabeth City
5441. Stevenson, Joyce C. (Mrs.) 1970 Justice, Ill.
4181. Stevenson, P. A. 1959 Elizabeth City
4251. Stevenson, R. S. (W. Va.) 1959 Kannapolis
3826. Stewart, J. R. (Tenn.) 1955 Sevierville, Tenn.
3180. Stewart, J. S. 1947 Fremont
3480. Stich, W. C. 1951 Clearwater, Fla.
5120. Stickley, J. E. H. (Tenn.) 1968 Madisonville, Tenn.
5161. Still, Marilyn R. (Ala.) 1968 Highlands
4007. Stine, C. R. 1957 Indian Trail
4755. Stocks, L. H., III 1964 Milwaukee, Wis.
2506. Stone, B. F. 1929 Elizabethtown
2762. Stone, B. M. (Fla.) 1936 St. Petersburg, Fla.
3889. Stone, H. C., Jr. 1955 Salisbury
3815. Stone, J. D. 1955 Pilot Mountain
5223. Stone, J. H., Jr. (Va.) 1968 Sumter, S. C.
3816. Stone, R. B. 1955 King
3443. Stonestreet, D. H. 1951 Kernersville
4237. Stoots, J. K. 1959 Albemarle
4925. Stovall, F. A. (Ga.) 1966 Durham
1558. Stowe, H. R. 1910 Concord
4182. Street, J. T. 1959 Roxboro
5589. Stringer, C. L. (Ga.) 1970 Franklin
3071. Stringfield, Billie J. (Mrs.) 1944 W. Jefferson
3694. Stroupe, L. S. (D. C.) 1953 Lawndale
5358. Stuhr, D. C. 1969 Denver, Colo.
5566. Suarez, J. C. 1970 Spartanburg, S. C.
5038. Sullivan, H. M. 1967 Waynesville
2453. Sullivan, L. S. 1928 Hickory

5243. Summers, L. E. (W. Va.) 1969 Salisbury
5359. Summey, Ann A. 1969 Gastonia
1926. Summey, P. B. 1917 Mt. Holly
3584. Summey, W. L. 1952 Lincolnton
4099. Sumner, E. D. (S. C.) 1958 Athens, Ga.
3720. Susman, Beatrice K. (Mrs.) 1954 Teaneck, N. J.
4733. Sutliff, D. E. (Mich.) 1964 Westland, Mich.
3046. Sutphin, E. C. 1944 Galax, Va.
5466. Sutton, D. H. (S. C.) 1970 Greenville
5287. Sutton, J. E. 1969 Kinston
5360. Swaim, R. L. 1969 Elkin
3908. Swan, W. J. 1956 Asheville
4533. Swann, E. F., Jr. 1962 Hickory
5178. Swann, R. L. (N. Y.) 1968 Laurinburg
3512. Swearngan, C. L. 1951 Kannapolis
3585. Swicegood, Shirley W. (Mrs.) 1952 Glen Ellyn, Ill.
5039. Swofford, J. S. 1967 Canton
1388. Sykes, R. J. 1907 Durham
5216. Sykes, R. N., Jr. 1968 Burgaw

T

3817. Talbert, G. R. 1955 Winston-Salem
5185. Tanazevich, Alexander (Ohio) 1968 Leesburg, Va.
3025. Tart, P. E. 1943 Kinston
4691. Tartel, Delores D. (Mrs.) 1964 Fairmont, W. Va.
5320. Tarter, N. D. (Miss.) 1969 Charlotte
2703. Tate, D. O. 1935 St. Petersburg, Fla.
2256. Tate, E. H. 1925 Lenoir
4671. Tate, R. E. (S. C.) 1964 Forest City
4195. Tate, S. B. (S. C.) 1959 Asheville
4346. Tate, S. C. (Ga.) 1960 Forest City
3818. Tate, W. S. 1955 Lexington
5224. Tatum, L. A. (Tenn.) 1968 Daytona Beach
3444. Tatum, Mary E. 1951 Winston-Salem
5289. Taylor, C. D. 1969 Ahoskie
5040. Taylor, Frances E. 1967 Durham
5305. Taylor, Gwendolyn B. (S. C.) 1969 Charlotte
2797. Taylor, H. R. (Tenn.) 1938 New Bern
2786. Taylor, H. T. 1937 Goldsboro
5092. Taylor, J. B. 1967 Banner Elk
3402. Taylor, J. G. 1950 Conway
4634. Taylor, J. R. 1963 Crossnore
2398. Taylor, L. B. 1927 Conway
4720. Taylor, Linda T. (Mrs.) 1964 Crossnore
5125. Taylor, Marie D. (Mrs.) 1968 Marion
4922. Taylor, Marsha B. 1966 Raleigh
5022. Taylor, Martha L. (Mrs.) 1967 Greenville
4084. Taylor, Mary S. 1958 Yadkinville
3183. Taylor, Nancy H. (Mrs.) 1947 Washington
5654. Taylor, Nancy W. (Mrs.) (Va.) 1971 Richmond, Va.
5290. Taylor, T. G. 1969 Boone
1627. Taylor, W. P. 1912 Roanoke Rapids
3218. Taylor, W. W. 1948 Chapel Hill
5361. Teague, B. J. 1969 Hickory
3047. Teague, J. R. 1944 Reidsville
5567. Teague, R. S. 1970 Winston-Salem
4247. Teal, E. W. (S. C.) 1959 Winnsboro, S. C.
2988. Tee, H. C., Jr. 1942 Wilson
5442. Teeter, R. T. 1970 Chapel Hill
4599. Temple, Burwell, Jr. 1963 Kinston
3244. Temple, H. A. 1948 Thomasville
2333. Tennant, W. D., Jr. 1926 Crossnore
5142. Tennille, A. T., Jr. 1968 Grifton
4735. Terman, R. S. (Ind.) 1964 Matthews
3038. Terrell, J. A., Jr. 1943 Sanford
4600. Thames, W. G. 1963 Hope Mills
3173. Thayer, S. S. (Ohio) 1947 Orlando, Fla.
5252. Themides, G. H. (Va.) 1969 Charlotte
4545. Thomas, D. M. (Mass.) 1962 Winston-Salem
1701. Thomas, E. E. 1913 Roxboro
2839. Thomas, F. E. (Ala.) 1938 Charlotte
3541. Thomas, H. G. 1952 Wilson
2883. Thomas, J. I. 1939 Dunn
3531. Thomas, J. S. (Ala.) 1952 Charlotte
5008. Thomas, L. E. (S. C.) 1967 Hickory
4852. Thomas, L. W. 1965 Dunn
5308. Thomas, N. A. (S. C.) 1969 Conover
2577. Thomas, P. L. 1931 Shallotte
4202. Thomaston, B. L. (Ala.) 1959 Auburn, Ala.
4334. Thompson, C. D. 1960 Graham
3909. Thompson, D. A. 1956 Salisbury
2811. Thompson, H. O. 1938 Chapel Hill
2258. Thompson, J. L. 1925 Reidsville
2242. Thompson, J. V. (S. C.) 1924 Wilmington
5484. Thompson, Mary M. (Mrs.) (S. C.) 1970 Charlotte

2987. Thompson, T. H. 1942 Burlington
5217. Thompson, W. L. 1968 Charlotte
4127. Thorne, J. P. (Va.) 1958 Dunn
3130. Thorne, Lucy K. (Mrs.) 1946 Morehead City
3857. Thorne, S. T. 1955 Charlotte
2884. Thornton, G. P. 1939 Goldsboro
2986. Thornton, J. W., Jr. 1942 Wake Forest
5291. Thrower, W. N., Jr. 1969 Gastonia
5242. Tiedeman, Patricia A. (Mrs.) (Ia.) 1969 Durham
3112. Tilles, Irving (N. J.) 1946 High Point
5650. Tilly, Bonnie Jean 1971 Charlotte
5443. Tilley, C. S., III 1970 New Bern
2159. Tilley, J. E. 1923 Jamestown
3133. Timberlake, C. V., Jr. 1946 Alexandria, Va.
3721. Timberlake, H. W. 1954 Roanoke Rapids
5143. Tinkler, J. B. 1968 Asheboro
4752. Tinkler, Linda R. (Mrs.) 1964 Asheboro
4529. Tippit, Ingrid B. (Mrs.) 1962 San Antonio, Tex.
4869. Todd, C. E. (S. C.) 1965 Laurinburg
4721. Todd, W. H. 1964 Aulander
5314. Tolley, J. W. (Va.) 1969 Sparta
3838. Tollison, R. B. (S. C.) 1955 Wadesboro
2440. Tolson, J. G., Jr. (S. C.) 1927 Henderson
3605. Tomlinson, L. C. (Ga.) 1952 Fayetteville
4950. Tomlinson, L. L. (Ga.) 1966 High Point
1990. Toms, E. R. (Ga.) 1919 Wilmington
4778. Totten, Doris S. (Mrs.) (Va.) 1964 Wilson
1703. Trent, J. A. 1913 Galax, Va.
5651. Tribble, Elaine R. (Mrs.) 1971 Pinehurst
2160. Tripp, G. O. 1923 Wilmington
4982. Tripp, J. N. 1966 Lumberton
4812. Tripp, R. T. 1965 Wilson
4923. Tromba, C. B. 1966 Newport News, Va.
3958. Trosper, Edith W. 1956 Colorado Springs, Colo.
1343. Trotter, J. R. 1906 Salisbury
5381. Trugman, Morton (Ga.) 1969 Charlotte
4985. Tucci, L. A. (Va.) 1966 Hampton, Va.
2847. Tunstall, J. P. 1939 Washington
3481. Turner, C. C., Jr. 1951 Scotland Neck
4460. Turner, G. M. (S. C.) 1962 Greenville, S. C.
3671. Turner, G. W. 1953 Wilmington
3315. Turner, J. K., Jr. 1949 Weldon
5444. Turner, R. A., Jr. 1944 Pickens, S. C.
5144. Tutherow, P. D. 1968 Uncasville, Conn.
5587. Twiddy, Joan B. (Mrs.) (Va.) 1970 Chase City, Va.
4552. Twiggs, R. J. (Ga.) 1962 Hiawassee, Ga.
4086. Tyler, J. L. 1958 Greenville
2778. Tyson, J. W. 1937 Greensboro
2834. Tyson, W. B. 1938 Rocky Mount

U

4038. Umphlett, H. B., Jr. 1957 Elizabeth City
5218. Umstead, A. W. 1968 Greensboro
2570. Umstead, O. L. 1931 Henderson
3346. Underwood, D. D. 1950 Greensboro
4829. Underwood, E. B. (Tenn.) 1965 Burnsville
2954. Underwood, H. P., Jr. 1941 Fayetteville
4087. Underwood, M. E. 1958 Wilmington
4008. Upchurch, J. E., Jr. 1957 Durham
2667. Upchurch, M. T. 1934 Smithfield
5292. Upchurch, M. T., Jr. 1969 Salisbury
4722. Upton, J. H. 1964 Greensboro
4403. Usher, Harold G. 1961 Thomasville
3403. Ussery, E. McD. 1950 Raleigh
3316. Uzzell, S. C. C. 1949 Asheville

V

4297. Vanderburg, W. L. 1960 Burlington
5231. Van Meter, Irvin, Jr. (W. Va.) 1968 Charleston, W. Va.
3482. Van Valkenburgh, W. B. 1951 Asheville
5163. Vaughn, R. E. (Ala.) 1968 Monroe
5579. Vernier, D. L. (Ohio) 1970 Franklin Furnace, O.
3054. Viall, W. R., Jr. 1944 Pinehurst
3483. Vinson, J. B. 1951 Zebulon
4890. Vogt, R. E. (Ala.) 1966 Colonial Beach, Va.
5663. Vranian, Laura N. (Mrs.) 1971 Sanford

W

3722. Wagner, J. W. 1954 Charlotte
3750. Wagner, M. T., Jr. 1954 Durham
3523. Wakefield, Griffin (La.) 1951 Charlotte
2278. Walker, A. D. 1925 Wilmington
4647. Walker, H. J. (S. C.) 1963 Richmond, Va.
4785. Walker, H. L. (Va.) 1965 Galax, Va.
2504. Walker, H. L. 1929 Greensboro
2010. Walker, H. W. 1922 Norlina
4813. Walker, L. S. 1965 Thomasville
4303. Walker, M. H. (Ga.) 1960 Rowland
4183. Walker, P. M. 1959 Newton
5445. Walker, W. T. 1970 Eden
5103. Wall, G. H. (Ga.) 1967 Franklin
2192. Wallace, A. C. 1924 Star
5362. Wallace, S. C. 1969 Charlotte
3275. Walters, H. C. (S. C.) 1949 Florence, S. C.
2441. Walters, J. E. (S. C.) 1928 Wadesboro
5446. Wang, Serena H. (Mrs.) 1970 Durham
2583. Ward, B. R. 1931 Goldsboro
4500. Ward, J. H. (Miss.) 1962 Hendersonville
3160. Ward, J. L., Jr. (Ga.) 1946 Canton
5145. Ward, N. E. 1968 Raleigh
5568. Ward, R. Y. 1970 Highwood, Ill.
3484. Ward, W. S. 1951 Candler
3588. Warren, Allene M. 1952 Wrightsville Beach
3122. Warren, B. S., Jr. 1946 Greenville
3695. Warren, C. F., Jr. (Ga.) 1953 Lexington, Va.
4866. Warren, F. W., Jr. 1965 Athens, Ga.
1816. Warren, J. C. 1915 Benson
2849. Warren, L. A., Jr. 1939 High Point
4865. Warren, L. J. 1965 Cary
5476. Wasserman, Jerry (Ohio) 1970 S. Euclid, O.
5447. Waters, Jack, Jr. 1970 Lumberton
2846. Waters, P. V. 1939 Mooresville
4814. Watson, B. V. 1965 Morganton
5569. Watson, C. M., Jr. 1970 Wilmington
5417. Watson, Elaine E. (Mrs.) 1970 Raleigh
4039. Watson, E. M. 1957 Madison
5384. Watson, J. C. (La.) 1969 Raleigh
2805. Watson, R. N. 1938 Sanford
4674. Watts, J. G. (S. C.) 1964 Burlington
4723. Watts, M. W. 1964 Concord
2813. Way, J. A., Jr. 1938 Winston-Salem
4635. Weatherly, W. J. III 1963 Warsaw
4636. Weathers, D. L. 1963 Newton
3646. Weatherwax, F. G. (Ga.) 1953 Clemmons
4648. Weaver, M. K. (Ohio) 1963 Wallace
4616. Weaver, Nancy C. (Mrs.) (Va.) 1963 Princeton, N. J.
4493. Weaver, V. D. 1962 Greensboro
3485. Webster, C. D. 1951 Fairmont
3726. Webster, P. E. (S. C.) 1954 Concord
2936. Webster, W. B. (S. C.) 1941 Fairmont
5119. Webster, W. B., Jr. (S. C.) 1968 Fairmont
4637. Weir, J. C. 1963 Hickory
5477. Weiss, Garcon (Ohio) 1970 Cleveland Heights, O.
3589. Welborn, J. H. 1952 Lexington
3198. Welborn, W. F., Jr. 1947 Lexington
2541. Welch, W. D., Jr. 1930 Washington
4129. Wells, Elizabeth H. (Mrs.) (S. C.) 1958 Mocksville
4239. Wells, F. E. 1959 Benson
3599. Wells, F. R. (Ohio) 1952 Pinehurst
3963. Wells, K. F. (Tenn.) 1956 Canton
2685. Wells, R. R. 1934 Shelby
2870. Wells, V. D., Jr. 1939 Columbus, O.
3751. Wells, W. P. 1954 Durham
5165. Welsh, J. L., Jr. (Ga.) 1968 Lumberton
3513. Welsh, O. H. 1951 Charlotte
5167. Werley, L. D. (Md.) 1968 Chapel Hill
3755. West, J. R. (Ga.) 1954 Asheville
2800. West, June B. (Mrs.) 1938 Raleigh
3514. West, W. A. 1951 Roseboro
2254. West, W. L. 1925 Roseboro
3959. Whaley, E. F. 1956 Elizabeth City
4088. Whaley, H. G. 1958 Wilmington
3515. Whaley, L. M. 1951 Wallace
5248. Whatley, R. U. (Ga.) 1969 Brevard
3347. Wheeler, C. C., Jr., 1950 Creedmoor
1979. Wheeler, C. R. 1919 Oxford
2670. Wheless, J. M., Jr. 1934 Farmville
2531. Whitaker, F. B. (Ga.) 1930 Laurinburg
5363. White, C. C. 1969 Henderson
2448. White, D. F. 1928 Mebane
2059. White, E. S. 1921 Greensboro
3858. White, Grey B. (Mrs.) 1955 Burlington
5486. White, J. C. (Ill.) 1970 Lincoln, Ill.

3752. White, J. G. 1954 Burlington
4494. White, J. R. 1962 Durham
4643. White, P. H. (Ga.) 1963 Hickory
2532. White, R. L. (S. C.) 1929 Troy
5293. White, R. S. 1969 Lenoir
5093. Whitehead, C. M. 1967 Ramseur
2211. Whitehead, C. R. 1924 Ramseur
3026. Whitehead, J. D., III 1943 Enfield
4335. Whitehead, W. L. 1960 Siler City
4184. Whitehurst, P. A. 1959 Murfreesboro
2673. Whiteley, R. S. 1934 High Point
2956. Whitford, B. H. 1941 Rocky Mount
2547. Whitley, H. E. 1930 Concord
2885. Whitley, W. Y. 1939 Fremont
4539. Wier, J. K. (Neb.) 1962 Chapel Hill
4136. Wiesener, C. V. (Ark.) 1958 Kings Mountain
3723. Wiggins, K. L. 1954 Goldsboro
4767. Wilder, R. B. 1964 Raleigh
1625. Wilkerson, I. O. 1911 Reidsville
5094. Wilkerson, R. D. 1967 Charleston, S. C.
4018. Wilkes, Ernestine B. (Mrs.) 1957 High Point
3056. Wilkins, Jessie L. (Mrs.) 1944 Durham
4304. Wilkinson, J. A. (S. C.) 1960 Winston-Salem
5448. Wilkinson, Kay McC. (Mrs.) 1970 Garner
5294. Willets, G. M., III 1969 Salisbury
3405. Williams, B. A. 1950 Hendersonville
4820. Williams, Barbara H. (Mrs.) (S. D.) 1965 Roanoke, Va.
5095. Williams, B. L. 1967 Raleigh
5364. Williams, B. O. 1969 Chapel Hill
3175. Williams, C. H. (Va.) 1947 Durham
4867. Williams, Elizabeth C. (Mrs.) 1965 Danville, Pa.
3516. Williams, E. G. 1951 Gastonia
4240. Williams, F. E. 1959 Wilmington
3629. Williams, G. L. 1953 Fayetteville
5365. Williams, H. K. R. 1969 Greensboro
3087. Williams J. D., Jr. 1945 Mansfield, Ohio
4404. Williams, J. E. 1961 Rockingham
3134. Williams, Laurel L. 1946 Newport News, Va.
4241. Williams, L. L. 1959 Lexington
2077. Williams, L. L. (Ga.) 1920 Wadesboro
2969. Williams, M. H. 1941 Lexington
5096. Williams, M. O. 1967 Charlotte
3152. Williams, Nina F. (Mrs.) (Kan.) 1946 Thomasville
5295. Williams, Patricia A. 1969 Rockingham
5459. Williams, R. D. (S. C.) 1970 Lincolnton
4999. Williams, R. E. (Ga.) 1967 Asheville
3732. Williams, T. D., Jr. (S. C.) 1954 Hamlet
3517. Williams, W. A. 1951 Rocky Mount
4601. Williams, W. T. 1963 Thomasville
3819. Williford, E. H., Jr. 1955 Kannapolis
4405. Williford, Evelyn D. 1961 Raleigh
3219. Williford, John S. 1948 Pinetops
4862. Williford, Mary J. (Mrs.) 1965 Fayetteville
4724. Williford, T. A. 1964 Newton Grove
5097. Willis, Barbara A. 1967 Charlotte
2088. Willis, Beatrice A. (Mrs.) 1922 Chapel Hill
3417. Willis, G. C., Jr. (Ga.) 1950 Sarasota, Fla.
2442. Williston, F. D. (Tenn.) 1927 Fayetteville
2158. Wilson, C. A. (Ga.) 1922 Monroe
3318. Wilson, H. W., Jr. 1949 King
4815. Wilson, J. D. 1965 Morganton
4009. Wilson, J. H. 1957 Winston-Salem
3406. Wilson, R. C. 1950 Hendersonville
5570. Wilson, T. S. 1970 Springfield, Va.
3486. Wilson, W. H. 1951 Raleigh
2017. Wimberley, R. E. 1920 Raleigh
3753. Wimberley, W. P. 1954 Raleigh
2957. Windecker, G. H. 1941 Mount Arlington, N. J.
4924. Winfree, J. H. 1966 Waynesville
5485. Winkelman, M. D. (Mich.) 1970 Univ. Heights, O.
4185. Winstead, D. D., Jr., 1959 Washington
3453. Winter, C. O. (S. C.) 1951 Jacksonville
1822. Wolfe, B. H. 1915 Gibsonville
5478. Wolfe, J. M. (Ohio) 1970 South Euclid, O.
3820. Wolfe, R. P. 1955 Mt. Airy
2203. Womble, D. J. 1924 Durham
4638. Womble, Jacqueline R. 1963 St. Petersburg, Fla.
2726. Womble, L. N., Jr. 1936 Plymouth
3821. Wood, J. D. 1955 Burlington
4725. Wood, R. M. 1964 Raeford
4931. Wood, W. W., Jr. (Ga.) 1966 Raleigh
5652. Woodall, H. B. 1971 Chapel Hill
5571. Woodall, Sandra C. (Mrs.) 1970 Durham

2857. Woodard, B. P. 1939 Princeton
5572. Woodard, C. E. 1970 Hertford
5041. Woodard, E. C., Jr. 1967 Princeton
4299. Woodard, G. F. (S. C.) 1960 Matthews
5366. Woodard, J. V., Jr. 1969 Henderson
4816. Woodard, J. W. 1965 High Point
5498. Woodbury, J. T., II (Ga.) 1970 Brevard
3756. Woodson, J. T., Jr. (Tenn.) 1954 Woodbury, Tenn.
5146. Woody, K. W. 1968 Southern Pines
3447. Woody, R. R. 1951 Burlington
1809. Woolard, E. W. 1915 Henderson
5107. Wooten, E. A., Jr. (Ga.) 1967 Nashville
2218. Wooten, I. W. 1924 Tarboro
2351. Wooten, J. W. F. 1926 Fayetteville
3083. Wooten, Ruth A. (Mrs.) 1945 Raleigh
4540. Worley, Leroy (S. C.) 1962 Winston-Salem
4657. Wray, W. J. (W. Va.) 1963 Charleston, W. Va.
5108. Wright, Kay D. (Mrs.) (Va.) 1967 Wise, Va.
5170. Wrinkle, C. A. (Ga.) 1968 Hickory
3606. Wurthmann, B. A. (S. C.) 1952 Sullivan's Island, S. C.
2854. Wyatt, Blanche B. (Mrs.) 1939 Wilson
4435. Wyche, G. V. 1961 Roanoke Rapids
4602. Wyke, Martha A. 1963 Raleigh
4640. Wyndham, J. N. (S. C.) 1963 Charlotte
5653. Wynne, W. B. 1971 Greenville

Y

3206. Yandell, C. R. (S. C.) 1947 Pineville
3487. Yandle, H. A. 1951 Chapel Hill
4534. Yarborough, F. F. 1962 Raleigh
5228. Yarbrough, C. L. (Ga.) 1968 Moultrie, Ga.
2798. Yearwood, T. C. (Ill.) 1938 Nicholasville, Ky.
5098. Yim, Man Ko 1967 Baltimore, Md.
5573. Yoder, C. D. 1970 Chapel Hill
4298. Yost, T. M. 1960 Albemarle
5317. Youmans, D. B. (Ga.) 1969 Laurens, S. C.
3410. Young, C. W., Jr. (S. C.) 1950 Shallotte
5099. Young, D. M. 1967 Hendersonville
5309. Young, L. H. (Kan.) 1969 Durham
5147. Young, R. E. 1968 High Point
3348. Young, R. L., Jr. 1950 Lake Junaluska
2799. Young, T. F. (Ark.) 1938 Leicester
3048. Youngblood, Frances R. (Mrs.) 1944 Charlotte

Z

4406. Zachary, J. N. 1961 Sylva
4090. Zambito, Joseph 1958 Jacksonville
5382. Zieroth, W. K. (Ill.) 1969 Gastonia
5221. Zimmerman, Carolyn F. (Mrs.) 196 N. Wilkesboro
3243. Zirkle, Mildred S. (Mrs.) 1948 Berwyn, Pa.
1576. Zuckerman, I. L. 1910 Greensboro

REGISTERED ASSISTANT PHARMACISTS

30. Barnhardt, L. E. 1931 Charlotte
50. Bass, J. A. 1932 Wilson
41. Birkitt, S. P. 1931 Charlotte
28. Brooks, C. M. 1931 Monroe
48. Brown, H. S. 1932 Goldsboro
106. Bryant, Nan 1938 Tarboro
23. Carrigan, J. F. 1930 Salisbury
61. Chadwick, S. T. 1933 Morehead City
27. Griffin, T. W. 1930 Statesville
72. Humphries, A. T. 1934 Huntersville
56. King, R. G. 1933 New Bern
7. McConnell, Ethel 1926 Newton
19. Maus, F. B. 1928 Greensboro
64. Moore, H. W. 1933 Lexington
68. Munns, R. F. 1934 Lumberton
26. Russell, L. D. 1930 Greensboro
77. Wade, C. E. 1935 Ahoskie

PERMITTED PHYSICIANS

361. Cole, W. F. 1942 Bunn
271. Parker, J. W., Jr. 1929 Seaboard
362. Robertson, C. B. 1971 Jackson

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3808 Oleander Drive - Wilmington, North Carolina
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The Carolina **JOURNAL OF PHARMACY**

Volume LII Nov. 1971 Number 11

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SCHOOL OF PHARMA

The Roses shown above are in memory of Mrs. Fred Moss of Gastonia, Mrs. Howard Whitley of Concord and Mrs. E. C. Daniel of Zebulon, members of the woman's auxiliary of the NCPhA who passed away this past year. Participating in the memorial service were, left to right, Mrs. Thomas M. Holland of Mount Holly, Mrs. S. T. Forrest of Greensboro and Mrs. W. Grover Creech of Smithfield.

Photo by Colorcraft.

Your reputation goes on the line every time you fill a prescription—with patients and with physicians alike. You know that seemingly minor differences in method of manufacture—the size of the particle, the excipient used, the character of the gelatin capsules, solubility, disintegration rate—all can make a crucial difference in therapeutic effectiveness. Your professional judgment tells you . . . when it comes to your prescription patient's health (and your reputation), you want to dispense the best.

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Our "Thanks" to all of you who have supported us so faithfully during 1971.

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MEMBER NWDA WHOLESALER

JUSTICE DRUG COMPANY

Greensboro, N. C.

Now in our 74th Year of Service to the North Carolina Retail Druggists

ENDEAVORING TO BETTER SERVE

Scott Drug Company

CHARLOTTE, N. C.

Representing 80 Years of Integrity and Reliable Service

The Carolina JOURNAL OF PHARMACY

Nov., 1971

Vol. LII No. 11

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LYNCH PHARMACY NAMED "BUSINESS OF THE WEEK"

Lynch Pharmacy, located in the Wayne Avenue Shopping Center in Dunn, was cited Sept. 24 by the Dunn Area Chamber of Commerce as the Business of the Week.

The store is owned and operated by Mr. and Mrs. Herman Lynch, both graduates of the UNC School of Pharmacy.

The couple first opened their doors for business on Sept. 1, 1963. They moved to Dunn in Jan. of 1953, and prior to establishing their own business, were employed by Hood's Drug Store.

Located at 1006 W. Cumberland St., the pharmacy has 4,500 sq. feet of floor space and employs ten persons.

MULLER APPOINTED VICE PRESIDENT OF SCOTT DRUG

Carl H. Geanes, President of Scott Drug Company, Charlotte, has announced the appointment of Darrell Muller to the position of Vice President of the wholesale drug firm.

Mr. Muller has a B.S. degree in Business Administration from Woodbury College and U.C.L.A. in California. He has been associated with Roche Laboratories in the home office.

As Vice President, Mr. Muller will assume responsibility for all in-house operations of Scott.

WANTED: Exceptional, challenging (unit dose, IV solution's etc.) opportunity for hospital pharmacist at Annie Penn Memorial Hospital Pharmacy, Reidsville. Call Joe Estes, Jr. (919) 349-8461 Extension 561.

FOR SALE: A successful, active operation, professional pharmacy, located in medical office building, central part of North Carolina area of medical complex. Aid in financing, if needed. Reply: Box 11DHK, c/o NCPhA, Box 151, Chapel Hill.

FOR SALE: Pharmacy (established 13 years) with gross annual sales of better than $150,000 of which 55% is prescription income. Net profit above average. Details from Roger A. Smith, Brookside Pharmacy, 1034 Brookside Drive, Raleigh, N. C. 27604. Business Phone: 828-4436. Home Phone: 834-1970.

FOR SALE: Kale Drug Company, 933 East Main Street, Durham, N. C. 27701. Old established profitable pharmacy. Details from R. G. Kale at Kale Drug Company. Phone (919) 688-7257.

VENDOR PAYMENT DATA BY N. C. DEPARTMENT OF SOCIAL SERVICES

	September		*July 1 — September 30, 1971*	
Service	*Occasions*	*Amount*	*Occasions*	*Amount*
Inpatient	65,885	$2,877,066.44	208,798	$8,874,452.04
Outpatient	21,748	312,877.17	68,626	1,005,972.94
Dental	12,510	808,274.05	33,936	1,860,683.80
Pharmacy	300,168	1,361,645.60	903,230	4,073,936.70
Physicians	84,127	1,254,802.59	259,779	3,897,289.93
Home Health	1,131	11,357.97	2,623	29,796.96
Mental Hospitals	24,879	166,438.39	175,359	705,555.54
Optical Supplies	4,564	122,391.27	15,295	403,019.68
Nursing Home	124,704	1,543,133.24	384,127	4,783,561.20
TOTAL	639,716	$8,457,986.72	2,051,773	$25,634,268.79

NORTH CAROLINA HAS RECORD-BREAKING DELEGATION AT NEW ORLEANS NARD CONVENTION

Jesse Pike Elected 2nd Vice President

The largest delegation of pharmacists ever to attend an out-of-state national pharmacy convention, other than perhaps conventions held in nearby Washington, D.C., was in New Orleans in October for the annual meeting of the National Association of Retail Druggists.

At the conclusion of the meeting, Jesse M. Pike, Sr. of Concord, was installed as second vice president of the NARD for the coming NARD year. Due to his outstanding ability, Mr. Pike was advanced from fourth vice president into the second vice president post. The 4-day meeting included some of pharmacy's leaders as well as first line representatives from industry and the government. Details of the various programs will appear in future issues of The NARD Journal and other publications.

While the Rivergate Convention Complex was the center of professional, business and entertainment programs, many of the delegates sampled the fare in the French Quarter, food-wise and other-wise.

Prior to the Convention, representatives of various pharmacy organizations discussed a proposed unification plan. Agreement was reached that further discussions would take place in December.

Next year NARD will meet in Chicago and the following year, Portland, Oregon. It is anticipated North Carolina will have record-breaking delegations at both meetings.

Jesse M. Pike, Sr.

EPPS WILL HEAD DRUG AUTHORITY

F. E. (Roy) Epps, special narcotics investigator for the State Bureau of Investigation, has been named acting director of the newly created North Carolina Drug Authority.

Created by the 1971 General Assembly, the 13-member board is expected to coordinate state efforts pertaining to drug use and abuse.

Epps was appointed to the position by William Turner, director of the State Department of Administration.

A former N.C. state trooper and agent with the Federal Bureau of Investigation, Epps has served for the past five years as a narcotics agent for the SBI.

The board's membership includes H. C. McAllister of the North Carolina Board of Pharmacy.

QUINN ELECTED CHAIRMAN OF NPC

Garth H. Quinn was elected chairman of the board of the National Pharmaceutical Council last month.

The council is composed of 28 of the nation's leading manufacturers of high quality prescription drugs.

Quinn said the aim of the council is to guard the quality of medical care for both welfare and private patients through more accurate information and better communications between all facets of the health team.

Quinn is vice-president of organization and development for the Burroughs Wellcome Co. located in the Research Triangle Park, and president of Burroughs Wellcome de Mexico, a subsidiary company.

Burroughs Wellcome, which maintains a pharmaceutical manufacturing plant at Greenville, is a member of the national council.

Announcing an Important Price Reduction

The Leading Tablet Form of Erythromycin

Erythrocin® Stearate, 250 mg.

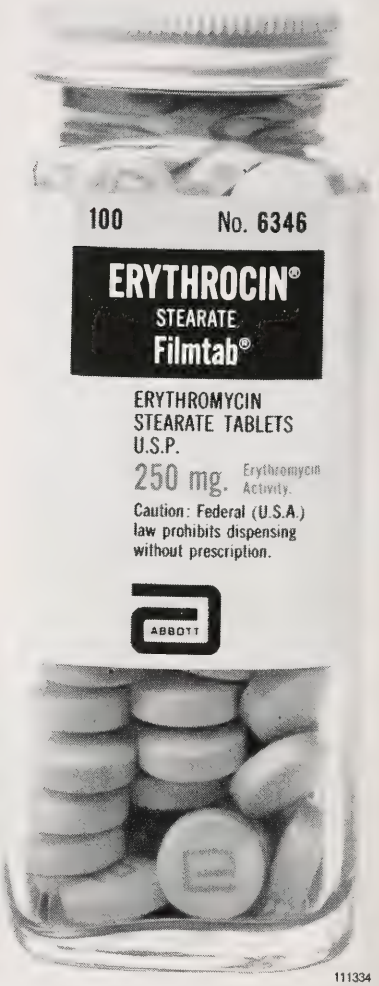
(ERYTHROMYCIN STEARATE, ABBOTT)

Now costs 31.8% less

New Low Price Takes Effect Immediately

Direct Price $14.99 per 100

Health Care World Wide



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SIXTY-TWO PHARMACISTS ADDED AS RESULT OF BOARD EXAM

As a result of recent examinations in Chapel Hill by the N. C. Board of Pharmacy, sixty-two successful candidates were added to the pharmacist roll on October 1.

The newly licensed pharmacists are:

William Clegg Baxley, Raleigh; Carlton Hampton Baxter, Jr., Winston-Salem; Alfred Walter Best, Carrboro; Warren Stewart Binnick, Charlotte; and Benjamin Ray Bonney, Jr., Elizabeth City.

Clark Caious Bowman, Hickory; Charles James Branton, Durham; Edward Carter Brown, Jacksonville; George William Browning, Chapel Hill; and Larry Douglas Bullock, Fort Bragg.

Stephen Ray Carswell, Winston-Salem; George Kennedy Cawthorne, Chapel Hill; Lillian Pritchard Chapman, Newport, R. I.; Jerry Henry Cottle, Jr., Tarboro; and Barbara Jean Garrison Currie, Pinehurst.

Robert Lee Dayvault, Jr., Kannapolis; Frank Burton Dean, Laurinburg; Charles Bartel deBruyne, Chapel Hill; George Newton Etheredge, Jr., Harrisburg; and Jackie Gwyn Fender, Mocksville.

Robert Lee Fountain, Jr., Winston-Salem; William Raymond Francis, Jr., West Jefferson; James Howard Frazier, Shelby; Patricia Clayton Giddings, Carrboro; and Everette Monroe Grayson, Jr., High Point.

Robert Benjamin Greenwood, Durham; Leon William Harris, Chapel Hill; Betty Strickland Heard, Roseboro; Charles Wayne Holland, Durham; and Kenneth Rollins Holland, Canton.

Jane Foust Humphries, Chapel Hill; Gail Henry Hutchinson, Chapel Hill; Patricia Farabaugh Jenkins, Clinton; Susan Wray Jenkins, Durham; and Charles Frederick Killian, Chapel Hill.

Herman Howard Kivett, Jr., Winston-Salem; Geraldine May Leonard, Winston-Salem; Phillip Dee Minton, Lincolnton; Martha Fenn Nance, Madison, Ala.; and Grace Penny, Carrboro.

Jerry Eugene Poteet, Hendersonville; Ronnie Lee Price, Greensboro; Harry Curtis Ramsey, Chapel Hill; William Warren Richards, Wallace; and Donald Ervin Royster, High Point.

Barbara Ann Sapp, High Point; David Charles Sherrill, Winston-Salem; Henry Zack Smith, Chapel Hill; James Richard Smutney, Winston-Salem; and Frank Conner Spencer, Jr., Winston-Salem.

William Allen Still, Highlands; Grady Mitchell Stone, Chapel Hill; Armie Rowland Strickland, Jr., Stantonsburg; John Leonard Talley, Sanford; and James Robert Thomas, Jr., Chapel Hill.

Victor Herbert Thomas, Sanford; Wendy Ruri Umino, Spring Lake; Thomas Edward Wall, Winston-Salem; Billy Ray Wease, Kings Mountain; Sallie Ann Brooks Womack, Sanford; Logan Nyal Womble, III, Plymouth; and Steven Lynn Woodard, Hazelwood.

RAPER DRUGS OPENS SECOND PHARMACY

Don Raper, pharmacist and owner of Raper Drugs in Rocky Mount, celebrated the grand opening of his second store Sept. 9.

The new store, Raper Drugs No. 2, was officially opened with a ribbon cutting by Rocky Mount Mayor John T. Minges, free refreshments and gift drawings.

The store, a franchise of the Walgreen Agency, is located at 3420 Sunset Avenue.

According to Raper, the store will utilize its Walgreen affiliation to offer a large selection of general merchandise at discount prices.

Raper added the Walgreen Agency franchise does not affect his status as a local independent druggist.

Officers of the new store include Raper as president, Graham Pittman as vice-president, and Hilton Barrett as secretary-treasurer.

FRANKLIN NAMED UPJOHN MSR IN DURHAM

Mr. Otis C. Franklin has been appointed Professional Sale Representative in a Durham, North Carolina territory by The Upjohn Company. The announcement was made by R. C. Ferguson, Atlanta Area Sales Manager. Mr. Franklin is a native of Georgia and received his B.S. at Kentucky State College. He recently completed his initial training program in Kalamazoo, Michigan.

DRUG THERAPY IN COMMON DISEASES

Another *first* in Continuing Education sponsored by the UNC School of Pharmacy! It's the 16-week Symposium—DRUG THERAPY IN COMMON DISEASES.

This Symposium was developed to assure our pharmacists comprehensive programs dealing with disease entities confronting them on a daily basis. This is *the* opportunity for patient orientation to really happen.

DRUG THERAPY IN COMMON DISEASES will be held at the UNC School of Pharmacy and the registration fee is $50 (plus text) for the 16 presentations. It starts January 11 and ends May 2. *A minimum number of registrants is required—so we urge you to register early.*

Lec. No.	1972	DRUG THERAPY IN COMMON DISEASES FACULTY: MEMBERS OF THE DIVISION OF PHARMACY PRACTICE DISEASE ENTITIES
1	Jan. 11	Congestive Heart Failure (C.H.F.)
2	18	Hypertension
3	25	Angina Pectoris and Myocardial Infarction (MI.)
4	Feb. 1	Arrhythmias
5	8	Diabetes Mellitus
6	15	Gastro-Intestinal Disorders
7	22	Rheumatoid Arthritis and Gout
8	29	Epilepsy and Parkinsonism
9	Mar. 7	Renal Disease and Urinary Tract Infections
	14	*NO CLASS—Mid-Semester Recess—*
10	21	Liver Disease
11	28	Respiratory Diseases and Upper Respiratory Infections
12	Apr. 4	Dermatologic Problems
13	11	Oral Contraceptives
14	18	Neuroses—Anxiety and other neuroses; Depression
15	25	EENT Problems
16	May 2	Critique

Format will include for each presentation:

*Brief explanation of the anatomy and physiology of the involved organ system
*Brief discussion of the disease process and its progression
*General discussion of the treatment and of the place of drugs within total therapy
*An in depth discussion of the drugs of choice
*A possible case study (or studies) and/or a short open discussion or quiz period

WHERE: UNC School of Pharmacy, Chapel Hill
Tuesday evenings—7:30 - 9:30 p.m.

WHEN: January 11—May 2

REGISTRATION FEE: $50 (plus text)

FURTHER INFORMATION WRITE: UNC School of Pharmacy
Attn: Continuing Education
Chapel Hill, N.C. 27514

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Or how about the problems you confront in your profession? Compatibility. Stability. Quality. Bioavailability. These are always of serious concern among pharmacists, especially when an unexpected reaction occurs. If ever a CIBA product is involved, *Pharmacy Research* usually has an explanation, for it is their responsibility to check and recheck all of our products during the developmental stage so that we can anticipate how our medications will react under almost any conditions.

Professional Relations serves as your personal liaison with CIBA's "home office." It is this department that coordinates the policies and procedures that affect you. For instance, policies for return goods, disaster assistance, expiration dating, and product identification drug codes all originate in Professional Relations. Members of this department also represent CIBA at many local and national meetings, so stop by and discuss anything that's on your mind. They're at your disposal.

There certainly is a lot more to CIBA than meets the eye — when you look a little deeper. 2/4665

CIBA Pharmaceutical Company
Division of CIBA-GEIGY Corporation
Summit, New Jersey 07901

C I B A

TAR HEEL DIGEST

RALEIGH—Pharmacist Albert Lockamy was a recent vacation visitor to Nassau. It was an ocean voyage by way of the Norwegian M/S Skyward.

HUDSON—William M. (Bill) Lovelace, pharmacist/owner, Hudson Drug Store, has been named a division chairman of the Caldwell County United Fund Campaign. The goal is $75,000.

SELMA—J. A. Creech, Jr. (Creech Drug Company) for the 19th year is sponsoring an annual "Pigskin Guessing Contest" to maintain interest in high school football.

STOKESDALE—Stephen S. Banner, Jr., is the new owner and pharmacist of the Smith Drug Store. A native of Mount Airy, Banner is a graduate of the Southern School of Pharmacy of Atlanta.

RALEIGH—Paul E. Sharp, a former executive of a subsidiary of Occidental Life Insurance Company of North Carolina, has joined W. H. King Drug Company in Raleigh as manager of systems and data processing. W. H. King Drug Company, of which Harry H. Montgomery is president, is a subsidiary of International Chemical and Nuclear Corporation.

CHARLOTTE—A clinic where indigent Model Neighborhood residents can receive free medical attention two nights per week is in operation in Charlotte Memorial Hospital. A $3000 contract for drugs was awarded to Eckerd Drugs.

STATESVILLE—Bob McCommons, a native of Siler City and graduate of the UNC School of Pharmacy, has accepted a position with Lowery Drug Company.

THOMASVILLE—Pharmacist Griffin Usher has been named head of the hospital division of the United Fund campaign in Thomasville.

DURHAM—Ralph P. Rogers, Jr., executive vice president of North Carolina Mutual Wholesale Drug Company, has been appointed a member of the Research Triangle Regional Planning Commission.

STATESVILLE—Jim Patterson, owner of Westgate Pharmacy, has announced Allan Krull, formerly of Greenville, has been added to the pharmacy's staff of pharmacists.

ELIZABETH CITY—J. Howard Garrett, manager of Peoples Drug Store, has been named chairman of Pasquotank County United Fund's Commercial Division. Garrett is a graduate of Ohio Northern School of Pharmacy.

SPRUCE PINE—R. Dale Banner, owner and manager of the Spruce Pine Pharmacy, has been named a member of the six-member Spruce Pine City Board advisory to North Carolina National Bank.

WINSTON-SALEM—Hal B. Woodall, a native of Snow Hill and graduate of the UNC School of Pharmacy, has enrolled as a first year medical student at the Bowman Gray School of Medicine.

BRYSON CITY—Kelly E. Bennett, Bryson City Drug Company, has been reappointed to the North Carolina National Park, Parkway and Forest Development Commission.

MORGANTON—David Dalmas, an employee of Kibler Drug Company, is serving as co-chairman of Burke County United Fund drive.

In 1970, Roche Laboratories broke with pharmaceutical industry tradition by being the first company to discontinue mass, unsolicited sampling of professional products. The Roche aim is to ensure the greatest benefit to the patient while meeting the professional needs of the pharmacist and physician. All are served best by proper handling of drugs. Better control of all aspects of drug distribution ensures the highest standards of health care for the patient, physician and community.

This policy reflects Roche interest in the general problems of pharmacy management, as well as the pharmacist-doctor, pharmacist-patient and pharmacist-community relations. There are many of your colleagues at Roche—practical professionals in various management positions—who help make the policies and provide the services that help you meet the challenge of pharmacy today.

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TIMME PLAZA MOTOR INN—1972 CONVENTION HEADQUARTERS

Headquarters for the 1972 annual meeting of the N. C. Pharmaceutical Association and Affiliated Auxiliaries will be at Timme Plaza Motor Inn (pictured above) of Wilmington. The convention (April 16-18) immediately follows the Azalea Festival which is staged when this flower is at its best.

At a recent meeting of the New Hanover Pharmaceutical Association, more than 75 pharmacists and their wives attended a preconvention meeting at which times the initial convention details were discussed by officers of the NCPhA.

Convention Chairmen selected to date are:

NCPhA: J. F. Howard, 2603 Carolina Beach Road, Wilmington (Co-Chairman)

NCPhA: F. Alex McCrackin, 221 Pine Valley Drive, Wilmington (Co-Chairman)

TMA: James R. Case, 5810 Brookhaven Road, Charlotte.

Woman's Auxiliary: Mrs. V. J. Lindenschmidt and Mrs. H. G. Whaley, Co-Chairmen

In addition to the usual business and professional events, Monday afternoon (April 17) will be open for golf, charter fishing, a tour of Wilmington or cruise down the Cape Fear to Bald Head Island. Specials include a "Shrimparoo" and an Auxiliary meeting aboard the battleship, North Carolina, which is anchored directly opposite Timme Plaza.

Room reservation forms will be mailed in early January. In the meantime, if you prefer, you can obtain your desired accommodations at Timme Plaza—we have 160 rooms set aside for the convention—by calling or writing the Motor Inn direct. (919) 763-9881

If the expressed enthusiasm of the New Hanover group is any indication, the 92nd convention will be one of the very best ever staged by organized Pharmacy of North Carolina.

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Important Therapeutic Considerations

(a) Larodopa (levodopa) is not curative and its mechanism of action is unknown, though postulated.

(b) Long-term safety and efficacy for Larodopa have not been established.

(c) Accurate diagnosis is imperative since there is no evidence that Larodopa is effective in neurological diseases other than Parkinson's disease and syndrome.

(d) About one-third of patients or more will not experience clinical improvement on Larodopa, and virtually 100% of patients will experience side effects of some degree.

(e) The dose of Larodopa producing maximal improvement with tolerated side effects must be *carefully titrated for the individual patient.*

(f) Finally, there is no evidence that early treatment with Larodopa, while possibly controlling symptomatology, alters the course of the disease.

Before prescribing, please consult complete product information, a summary of which follows:

BECAUSE OF THE HIGH INCIDENCE OF ADVERSE REACTIONS AND THE NECESSITY FOR INDIVIDUALIZING THERAPY, THE PHYSICIAN SHOULD THOROUGHLY FAMILIARIZE HIMSELF WITH THE INFORMATION IN THE PACKAGE INSERT BEFORE INSTITUTING THERAPY WITH LARODOPA. ACCURATE DIAGNOSIS IS IMPERATIVE BECAUSE EVIDENCE IS LACKING THAT LARODOPA IS EFFECTIVE IN NEUROLOGICAL DISEASES OTHER THAN PARKINSON'S DISEASE AND SYNDROME.

ADEQUATE CLINICAL AND LABORATORY FACILITIES SHOULD BE AVAILABLE FOR PROPER MONITORING OF TREATMENT.

THE LONG-TERM SAFETY AND EFFICACY OF LARODOPA HAVE NOT BEEN ESTABLISHED.

Indications: For the treatment of Parkinson's disease and syndrome. Useful in relieving many of the symptoms, particularly rigidity and bradykinesia; frequently helpful in management of associated tremor, dysphagia, sialorrhea and postural instability.

Contraindications: In patients for whom a sympathomimetic amine is contraindicated; in patients receiving MAO inhibitors (the latter should be discontinued two weeks prior to initiating therapy with Larodopa); in patients with clinical or laboratory evidence of **uncompensated** endocrine, renal, hepatic, cardiovascular or pulmonary disease; with narrow angle glaucoma and blood dyscrasias; in patients with known hypersensitivity to levodopa.

Warnings: Long-term safety and efficacy not established. Administer with extreme caution to patients with bronchial asthma or emphysema who may require sympathomimetic drugs; to those with active peptic ulcer (in facilities equipped to treat gastrointestinal hemorrhage); in patients with psychoses or severe psychoneuroses. Initiate therapy with extreme caution and in proper treatment facility in patients with a history of myocardial infarction who have residual atrial, nodal or ventricular arrhythmias. Monitor all patients for development of mental changes, depression with suicidal tendencies, other serious antisocial behavior. Carefully consider concomitant administration of pyridoxine hydrochloride (vitamin B_6); oral doses of 10 to 25 mg have been reported to rapidly reverse the antiparkinson effects of Larodopa. In pregnancy, weigh potential benefits against possible hazards. Do not use in nursing mothers. Safety of Larodopa in children under age 12 not established.

Precautions: During extended therapy, periodic evaluations of hepatic, hematopoietic, cardiovascular and renal function recommended. In diabetic patients, control may be adversely affected; careful, frequent monitoring and proper adjustment of antidiabetic regimen required. Patients with chronic wide angle glaucoma may be treated cautiously provided intraocular pressure is well controlled and patient is monitored carefully. Monitor carefully patients receiving antihypertensive agents or psychoactive drugs concomitantly, or those with history of convulsions. If general anesthesia is required, discontinue Larodopa (levodopa) 24 hours prior to surgery; monitor cardiorespiratory functions carefully. Patients who improve on Larodopa therapy should resume normal activities cautiously. May be used concomitantly with other antiparkinson drugs with possible reduction in dosage of each.

Adverse Reactions: *Most frequently occurring:* nausea, anorexia, emesis, cardiac irregularities, orthostatic hypotension; choreiform, dystonic and other adventitious movements; dizziness, sedation, dyskinesia; psychiatric symptoms such as agitation, anxiety, confusion, depression, hallucinations, delusions, insomnia, nightmares, and mental changes including paranoid ideation and psychotic episodes. *Less frequently occurring* and listed according to system: *psychiatric*—suicidal tendencies, increased libido with serious antisocial behavior, euphoria, lethargy, stimulation, fatigue and malaise, dementia; *neurological*—ataxia, convulsions, faintness, impairment of gait, headache, increased hand tremor, akinetic episodes, torticollis, trismus, oculogyric crisis, weakness, numbness, bruxism; *gastrointestinal*—constipation, diarrhea, epigastric and abdominal distress and pain, flatulence, eructation, hiccups, sialorrhea, difficulty in swallowing, bitter taste, dry mouth, tightness of mouth, lips or tongue, duodenal ulcer, gastrointestinal bleeding, burning sensation of the tongue; *cardiovascular*—nonspecific ECG changes, palpitations, hypertension, flushing, phlebitis; *hematological*—hemolytic anemia (1 case); *dermatological*—sweating, edema, hair loss, pallor, rash, bad odor; *musculoskeletal*—low back pain, muscle spasm and twitching, blepharospasm, musculoskeletal pain; *respiratory*—feeling of pressure in the chest, cough, hoarseness, bizarre breathing pattern, postnasal drip; *urogenital*—urinary frequency, retention, incontinence, hematuria, nocturia, and one report of interstitial nephritis; *special senses*—blurred vision, diplopia, dilated pupils, activation of latent Horner's syndrome; *other*—fever, hot flashes, weight gain or weight loss.

Nausea, anorexia and vomiting usually obviated by temporary dosage reduction and/or administration with food. If cardiac arrhythmias occur, discontinue and institute other antiparkinson therapy. Reduce dosage when involuntary movements occur.

The following have been noted: elevation of BUN, SGOT, SGPT, LDH, bilirubin, alkaline phosphatase or PBI; occasionally, reductions in WBC, hemoglobin and hematocrit; elevations of uric acid with use of colorimetric method but not with uricase; rarely, positive Coombs test; dark sweat and urine.

Dosage and Administration: Because of the strong possibility of adverse reactions and the necessity for individualizing therapy, the physician should thoroughly familiarize himself with the information in the package insert before instituting therapy.

How Supplied: *Tablets,* pink, scored, containing 0.25 Gm levodopa (imprinted Roche 57) or 0.5 Gm levodopa (imprinted Roche 56)—bottles of 100 and 500.

Capsules, containing 0.25 Gm levodopa (pink and beige, imprinted Roche 55) or 0.5 Gm levodopa (pink, imprinted Roche 54)—bottles of 100 and 500.

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On November 30, 1971
We Will Be 75 Years Young

To be 75 years young is more important to us than to be 21 years old. Having reached the venerable age of 75 is more important because we have, through the years, ever striven to remain young in our thinking, planning and executing ideas for a more important place in the merchandising picture.

The 75th anniversary milestone is but a short step on our road to a century. We look on it as an opportunity to catch our second wind, for we have plans which we believe will keep us young in our service to our customers.

No man or company passes through three-fourths of a century of endeavor without making lasting friendships. It has been our good fortune to have made many such friendships, which, during the years, have become ever closer.

We take pardonable pride in the loyal Geer men and women who have worked unselfishly in making this 75th anniversary possible. They have been the solid rock on which our business was founded. They will continue to serve you ethically and well in the best traditions of The Geer Drug Company during the years to come.

To our customers our thanks and a promise of continuing our policy of supplying honest goods of basic worth that you, too, may prosper and grow.
To our loyal suppliers and manufacturers' representatives who have worked so well and enthusiastically with us over the years we offer our sincere thanks.

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Members—David D. Claytor, Greensboro; Harold V. Day, Spruce Pine; C. E. Page, Jr., Henderson; Jesse M. Pike, Concord; W. H. Randall, Lillington; H. C. McAllister, Secy.-Treas., Box 471, Chapel Hill, N. C.

NEW PHARMACIES

1. Blue Ridge Pharmacy, Second Street Hill, North Wilkesboro. Lamar Creasman, part owner and pharmacist-manager.
2. Draper Pharmacy, 133 North Fieldcrest Road, Eden. Robert F. Harrison, pharmacist-manager.
3. Professional Drug Company #2 Inc., 3415 A Melrose Road, Fayetteville. William Thames, owner. Fred Rachid, pharmacist-manager.
4. The Treasury Drug Center, Onslow Mall, Henderson Drive, Jacksonville. Wm. M. Elliott, Jr., pharmacist-manager.
5. People Service Drug Store, Inc. #279, 909 Washington Square, Washington. Roy O. Phillips, pharmacist-manager.

INDUSTRIAL PHARMACY

American Brands Medical Department Pharmacy, Reidsville. American Brands Tobacco Company, owners. Donald Oster, pharmacist-manager.

CHANGE IN OWNERSHIP

1. Carolina Beach Drug Company, 140 Harper Avenue, Carolina Beach. Neil and Angela Pharr, owners. Neil Pharr, pharmacist-manager.
2. Johnson Drug Company, Inc., 714 New Bridge Street, Jacksonville. C. Louis and Martha Shields, owners. C. Louis Shields, pharmacist-manager.

NEW PHARMACIES

1. K Mart Pharmacy, 1916 Stone Rose Drive, Rocky Mount. F. C. Barnett, pharmacist-manager.
2. Doggett Pharmacy, Inc., Box 266, Summerfield. W. Clark Doggett, pharmacist-manager and part owner.
3. Youngsville Drugs, Main Street, Youngsville. Ruth Annette Kannon, owner and pharmacist-manager.
4. Scottie Stores Pharmacy, Inc., 118 Main Street, Clinton. A. Michael Costin, pharmacist-manager.
5. Granite Drug Center, 7 N. Main Street, Granite Falls. Larry L. Huffman, pharmacist-manager and owner.
6. Revco Discount Drug Center #534, Marion Plaza Shopping Center, Marion. Carlton H. Baxter, Jr., pharmacist-manager.
7. The Pines Pharmacy, East River Road, Louisburg. N. Franklin Freeman, pharmacist-manager and owner.
8. Pungo River Pharmacy, Inc., 203 Main Street, Belhaven. James E. Ellis, pharmacist-manager and part owner. M. Keith Fearing, Jr., principle owner.

CHANGE IN OWNERSHIP

1. Fairco Drugs, Inc. NC-1, 3408 Wilkinson Blvd., Charlotte. Steve A. Pappas, pharmacist-manager. Formerly Westerly Hills Drug Company.
2. Fairco Drugs, Inc. NC-2. 2721 South Boulevard, Charlotte. Clifford E. Hemingway, pharmacist-manager. Formerly Benson Rexall Drugs.
3. Fairco Drugs, Inc. NC-3, 2416 Freedom Drive, Charlotte. John W. Leonard, pharmacist-manager. Formerly Bizzell Drugs.
4. St. Pauls Drug, Inc., St. Pauls. James E. Cash, pharmacist-manager.
5. Smith's Drug Store, Highway 158, Stokesdale. Stephen S. Banner, Jr., pharmacist-manager and owner.
6. Butler's Pharmacy, 204 Main Street, Clinton. Robert J. Darden, pharmacist-manager. Myron K. McLamb, owner.
7. Prescription Shoppe, Doctors Building, Pollock Street. New Bern. Robert I. Cohen, pharmacist-manager and owner.

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RABIL: BOSS OF THE YEAR

Earnest Rabil, registered pharmacist and president of Bobbitt's Pharmacies, was presented the Boss of the Year Award by the Candle Chapter (Winston-Salem) of the American Business Women's Association Sept. 14.

Rabil, a graduate of the UNC School of Pharmacy, was selected for the honor by an independent judging committee on the basis of leadership and employee-employer relations.

He was nominated for the honor by Mrs. Jean Anderson, office manager for Bobbitt's College Pharmacy.

Rabil lives in Clemmons, N.C., with his wife and five children.

NORRIS OPENS PHARMACY IN WHITEVILLE

Mr. Brantley Norris officially opened the doors of Norris Economy Drugs in Whiteville on Sept. 14.

Neither Norris, nor his wife Wanda were reared in Columbus County, although his folks live in Fayetteville and her mother, Mrs. Lorenze Blanton, lives on Rt. 1, in Loris.

"We aren't natives of Whiteville," Mrs. Norris said, "so the fact that Brantley has opened a drug store here shows what we think of this town. We just wanted to be back in North Carolina and live between our two homes."

Norris, after his graduation from Fayetteville Senior High, attended Methodist College for a year and then went to the University of South Carolina at Columbia for his degree in pharmacy.

He graduated in 1966, the same year his wife earned her English degree from Columbia College.

The young pharmacist worked in South Carolina for two years, but then quickly headed back to North Carolina.

He worked three years for Simmon's Drug Store as manager of the prescription center downtown, but always wanted to own a store of his own.

The 25,000 square foot store (located in the new Memory Plaza uptown) has a complete prescription department and a wide assortment of cards, wrapping paper and convalescent aids.

"We know that drugs are expensive," Norris said, "and we want to offer our services and merchandise at a fair price to everyone. We have a lot of things people can't find at most stores."

TO PROVIDE HEALTH CARE FACILITY ADJACENT TO HOSPITAL

Fisher's Pharmacy, Inc. of Elkin has recently formed F.O.G. Realty, Inc. to provide a health care facility adjacent to the new Hugh Chatham Memorial Hospital.

According to Mr. Paul L. Fisher, president and chairman of the board, the company has acquired property which extends the full length of the northern edge of the 105-acre hospital site.

Fisher explained the corporation's purpose is to "coordinate pharmaceutical service with the hospital, nurse care units, physicians, dentists and all allied professions.

"We feel that the fact that the corporation's facility will be adjacent to the hospital facilities will assure complete health care in an accessible location to best serve all residents of the Tri-County Area."

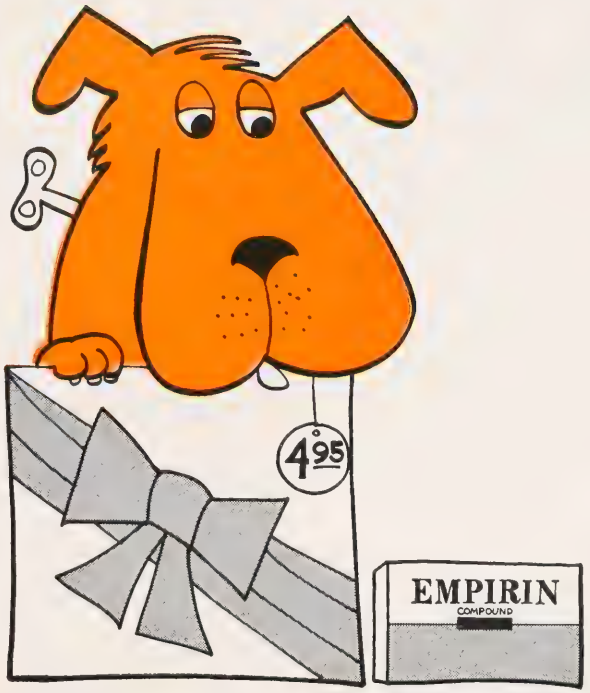
A section of the hospital site has been graded for the erection of a medical arts complex in the hope that many Elkin physicians and dentists will locate their offices adjacent to the new hospital.

Anticipating there will be other competing pharmaceutical services in the hospital area, Fisher said, "We always welcome assistance of good clean competition because it keeps a corporation healthy to have such."

Fisher is also the executive vice-president of Carter-Wallace, Inc., and one of the eight members of the National Pharmaceutical Council of Manufacturers.

DOGGETT PHARMACY

Doggett Pharmacy, Inc., Summerfield, has been incorporated. The incorporators are W. Clark Doggett, Jane G. Doggett and Carfet Doggett, all of Summerfield.

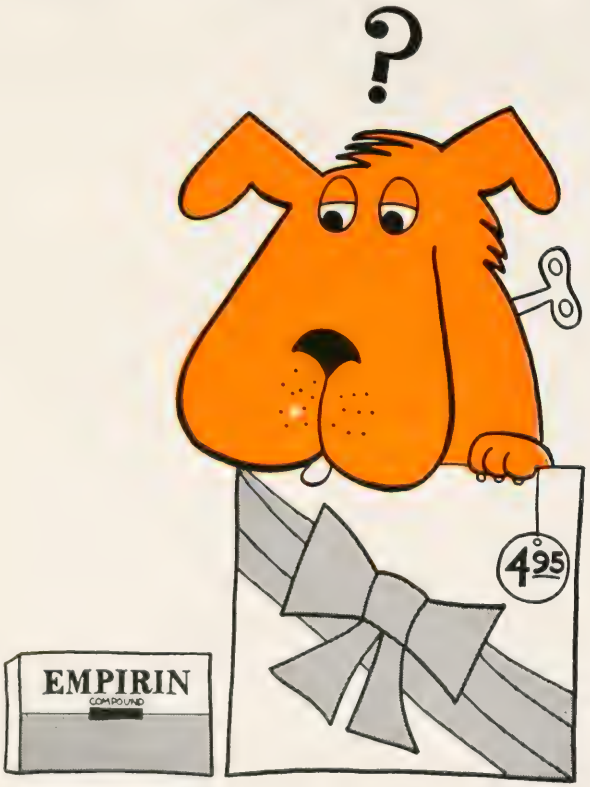


All joking aside, Empirin Compound is one of your most profitable analgesics. And Empirin is making waves it's never made before, so it really deserves a little more of your attention.

Now, there are more than two million opportunities a month for practically all physicians, all nurses and all dentists to see the new advertising for Empirin Compound.

And when these health professionals recommend Empirin, their patients won't be looking for it in supermarkets—but in pharmacies.

Should you put EMPIRIN® Compound next to your most profitable item?



So, look to your stock. In addition to good profits from Empirin Compound, the extra traffic should help you move a lot of other items as well.

Display Empirin Compound for greater sales and profit.

When customers ask your professional advice:
Recommend two Empirin tablets every three hours, for minor aches and pains, simple headache and toothache, and to help relieve the discomfort of colds.

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Or, should you put your most profitable item next to EMPIRIN Compound?

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DISASTERS AND MISCELLANEOUS MISFORTUNES

Drugs and merchandise valued at $2,000 were taken in a burglary of Harmon's Pharmacy, Hertford, September 23.

The front window of Woodmere Pharmacy, Greensboro, was smashed shortly after midnight on September 22 and watches valued at $240 taken.

After forcing a rear door, a quantity of controlled substances was taken by burglars at Baxter's Drug Store, Kannapolis.

More than 2,500 amphetamine tablets were taken in a September 6 break-in at Eckerd's Drug Store, Tryon Mall Shopping Center. Three diaper bags filled with radios, watches, cameras and razors were found in the store, apparently left behind by the thieves.

Scotland Drug Company of Laurinburg lost $92.00 in cash and 24 watches in a September 2 break-in at the pharmacy.

Two armed men wearing ski masks tied up and robbed John Nance of Matthews Pharmacy, Matthews, of $500 in cash and a quantity of narcotics. This was an early September robbery of the pharmacy. Nance was tied up with chain dog leashes and twine.

Merchandise valued at $250 was taken from Parks Rexall Drug Company of Davidson in a September 8 break-in at the pharmacy. Entry was gained by the removal of a window air conditioner.

A bandit, indicating he had a weapon concealed beneath his shirt, robbed Kerr Drug Store in Lakewood Shopping Center, Durham, of about $150 on September 14.

Four men were arrested by Jacksonville police as they emerged from Ketchum Drug Company with solen merchandise valued at $300.

NANCE VICTIM OF HOLDUP

Two armed men tied up and robbed a Matthews druggist of money and narcotics Sept. 11.

John Nance, 42, told police he fell asleep in the drug store about 1:30 a.m., and was awakened at 2:30 by two men, both carrying pistols.

According to police reports, the thieves got $400-$500 in cash and an unspecified amount of morphine and Demarol from the Matthews Pharmacy on Trade St.

The victim was found at the rear door calling for help about 5:15 a.m. He had been dragged to the back of the store, police said.

It was not immediately determined how the two entered the pharmacy.

WILSON STORE CONNED

A young Negro man used a previously issued money order, switched the voucher on a Bissette Drug Co. employee in Wilson, and walked away with another money order for $93.50 without paying.

Mrs. Elizabeth Viverette, 400 Fairview Ave., said she was working the cash register when the young man entered and asked for a $93.50 money order.

The man handed her a roll of bills which totaled $92.50. While he was recounting his money, Mrs. Viverette said the young Negro placed what she thought to be a money order inside an envelope and handed it to her, and said he would return later with the exact amount.

She then placed the envelope aside and waited for him to return. When he did not, she removed the money order to cancel it and discovered it was one issued elsewhere in the city and totaled only $1.

CONTRIBUTES $20

A man with a Spanish accent walked into the Mann Drug Co. in Lexington, Sept. 8, to buy some cigars, and walked out with an extra $20 in his pocket.

According to police, the man entered the store and purchased a 41-cents package of cigars from the young girl behind the counter.

After the girl had given him his $19.51 in change and he had started a conversation with her, he remembered he had the 41-cents in change.

He gave it to the girl and asked for his $20 bill back. The somewhat bewildered young lady gave it to him, they chatted for awhile, and he left.

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CECIL PARSONS COMPLETES 45 YEARS OF FAITHFUL SERVICE

The last three score and ten years have seen the development of the Red Springs Drug Company from a physician-pharmacist operation to the present efficient community-orientated drug store, owned and operated by Reid Grantham.

Grantham has the loyal assistance of seven co-workers in the operation, one of which particularly stands out.

Cecil Parsons has earned the respect and affection of three generations of Red Springs citizens through his service in the drug store.

Parsons lived most of his boyhood in Troy, N.C., but by 1917 the family had moved to Red Springs. He attended Trinity College, now Duke University, but found the academic life not to his liking, and subsequently found employment at John's Station, in Hamlet, and even moved as far afield as Detroit, Michigan.

But according to Mrs. Parsons, the former Ethel Kestler of Davidson, "The yearning for Red Springs always drew him back home."

In September of 1926, the late Hiram Grantham asked Cecil if he would come help out at the Red Springs Drug Store. Parsons said yes, and he had found his niche.

Mr. Parsons has had a longer tenure of employment than any person with the firm, and has had an influence on each person with whom he has been associated through the years.

"He looks forward each day to the associations he has with his co-workers at the drug store," said Mrs. Parsons. "His work and experiences there are providing for him that education which books can never convey, and when he 'finishes' his education, he should have a degree, perhaps M.D.—for Many Duties."

The Red Springs Drug Company grew out of the medical practice of Doctors B. F. and J. L. McMillan. The late Hiram Grantham joined them in the medical-pharmaceutical firm in 1899.

Reid Grantham, son of the original Hiram Grantham (three other Hirams, his son, grandson, and his great-grandson all live in Red Springs) became owner of the business in 1966.

PHARMACIST PRENTISS O'NEAL: COMMUNITY LEADER

On July 11, 1931, Prentice O'Neal drove down Belhaven's only paved street, paid a month's rent for the building he's still in, and O'Neal's Drug Store was in business.

That was 40 years ago, when the country was in the depths of a depression.

A native of the New Holland community in Hyde county, his family moved to Belhaven in 1918, shortly before young Prentice was sent to the University at Chapel Hill to study pharmacy.

He graduated in 1926, and worked at Sutton's Drug Store in both Chapel Hill and Durham before taking over as manager of the Randall Mann drug store in High Point.

But by 1931, O'Neal had decided to leave the big city, so he took his bride of 1929, the late Mae Leigh of Chapel Hill, packed his gear and headed home.

Shortly after arriving here he rented the building he is presently in from S. J. Peele for $40 a month. On July 11, 1931, he opened his doors for the first time.

"Well, at the end of the first day we had taken in $35—and I was as happy as I could be," O'Neal said. "That was really something."

The store grew, and so did the family. Two sons, two daughters, and eight grandchildren.

By 1938, he had become a member of the town board, and in two different hitches, 1943-49 and 1959-70, he gave 19 years to the community as mayor.

After living such a full life, O'Neal has many memories.

"Memories flood together in a wonderful life, and I can truthfully say that if I had my life to live over again I wouldn't change it for anything.

"I love this community and these people and I can't think of a better life than walking down the street meeting friends along the way."

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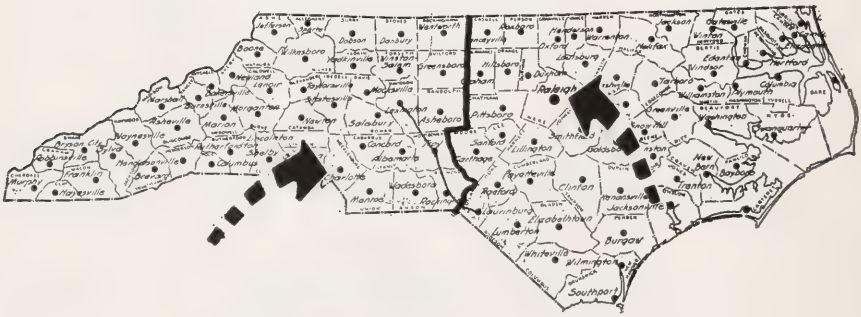

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(704) 376-5150

ROBERT J. NYBERG
STORE DESIGN
532 HARVARD ST.
RALEIGH, N. C. 27609
(919) 787-0516

BURKE COUNTY

Charles Davis of Morganton has been elected president of the newly organized Burke County Pharmaceutical Society. President Davis is chief pharmacist at Broughton Hospital Pharmacy.

Other officers are C. Brooks Harrell III, vice president, and H. F. Bobbitt of Glen Alpine, secretary-treasurer.

Guest speaker at a recent meeting of the Society was Ben Williams of Chapel Hill.

ROGERS ELECTED

Will Rogers of Shelby Drug Company has been elected president of the Cleveland County Drug Association.

Serving with President Rogers will be Ken Dingler of Suttle's Drug Store, president-elect; Hubert Adair of Cornwell Drug Stores, re-elected secretary-treasurer.

The officer installation meeting was held in Shelby on October 17 with President Dennis Beatty, presiding.

WAKE COUNTY

Members of the Wake County Pharmaceutical Society, meeting in Raleigh at the Medicenter on November 2, received details of NC-PharmPac (North Carolina Pharmacy Political Action Committee).

W. H. (Bill) Wilson, Secretary-Treasurer of PharmPac, and NCPhA Secretary W. J. Smith discussed various phases of the political committee, including purposes, membership, and progress during the first year of the organization.

John H. Myhre, president, presided during the business session.

CAPE FEAR

Frank F. Yarborough, Pharmacist Consultant to the North Carolina Department of Social Services, was guest speaker at the October meeting of the Cape Fear Pharmaceutical Society. The meeting was held in Fayetteville.

Subject of Mr. Yarborough's discussion was "Medicaid" with special reference to recent changes in the pharmacy service program, including billing for prescription service on basis of average wholesale cost, as listed in Red Book, plus a professional fee of $1.75.

ONSLOW COUNTY

Chief Warrant Officer Charles W. Adams, Officer in Charge of Criminal Investigation from the Base Provost Marshall's Office of Camp Lejeune, presented a program on the illegal use of drugs in the Jacksonville area at the October 21 meeting of the Onslow County Pharmaceutical Society.

The meeting was held in Jacksonville at the New River Steak House.

Adams presented a German Shepherd called "Sharna" who has been trained to detect marijuana. A demonstration of Sharna's ability was presented.

NORTHEASTERN

Dr. David R. Work, Assistant Dean of the UNC School of Pharmacy, discussed "Changes in Drug Laws" at the October meeting of the Northeastern Pharmaceutical Society, held in Williamston.

CLEVELAND COUNTY DRUG ASSOCIATION

The Cleveland County Drug Association held its monthly dinner meeting at the Shelby Elks Lodge on Sept. 19.

Nine drug stores, the Hospital pharmacy and one wholesaler were represented by the 15 members present.

Featured speaker of the evening was Mr. Ralph Mitchem of the Shelby Rescue Unit, who presented an informative discussion of the unit and its plans for the future.

The Shelby Rescue Unit is recognized by State officials as the best equipped and manned rescue service in the state.

DURHAM-ORANGE

The Durham-Orange Pharmaceutical Society opened the organization's new year with a barbecue supper at Nance's in Durham.

Approximately 100 members, their wives and guests attended the party. Entertainment was by the Barber Shop Quartet of Raleigh.

Guest speaker at the October 4 meeting, held in Chapel Hill at the Institute of Pharmacy, was Dr. Robert J. Senior, who outlined what is being done locally to control drug abuse, with emphasis on the Genesis House project.

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PHARMACEUTICAL FIRMS INCORPORATE

The Secretary of State has issued incorporation papers to:

Morris Drug Company, U.S. Highway 55 West, Bayboro. Authorized capital $100,000. To begin business with $300. By Stephen C. Morris, Cowell Lane and Frances W. Morris, all of Bayboro.

D-Rex Drugs, Inc., Rt. 3, Box 377, Pfafftown. To establish, franchise, lease, own, and operate businesses, both retail and wholesale, dealing in drugs, chemicals, sundries, health aids, cosmetics and other commodities. Capital $100,000. To begin business with $300. By Keith E. and Janice O. Denny, both of Pfafftown.

Blue Ridge Pharmacy, Second Street, North Wilkesboro. Authorized capital $100,000. To begin business with $10. By Nettie W. Johnson, North Wilkesboro.

G-B Drug Company, 417 East Barnes Street, Wilson. Authorized capital $100,000. To begin business with $100. By John W. Gresham, Paul B. Bissette, Jr. and Margaret Bell, all of Wilson.

Kerr Drugs of South Hills, 2511 Timberlake Road, Raleigh. Authorized capital $100,000. To begin business with $300. By Paul E. Castello, J. Roger Edwards, Jr. and Arch E. Lynch, Jr. of Raleigh.

Whaley Drug Company, 100 West Main Street, Wallace. Authorized capital $100,000. To begin business with $1.00. By Lloyd M. Whaley, Wallace.

North Carolina Pharmaceutical Services, Inc., 515 Yorktown Drive, Chapel Hill. To engage in all aspects of the practice of pharmacy including the purchase, sale and distribution of drugs and related products. Authorized capital $100,000. To begin business with $300. By Donald C. McLeod and Fred M. Eckel of Chapel Hill.

NCPhA EXECUTIVE COMMITTEE ACTS ON EXTENSIVE AGENDA

The Executive Committee of the NCPhA, meeting in Chapel Hill on September 29, covered an extensive agenda of subjects of immediate interest to the membership.

Present: John C. Hood, Jr., President; B. Cade Brooks, Thomas R. Burgiss, James L. Creech, Donald J. Miller, W. Whitaker Moose, Earl H. Tate, W. H. Wilson, Frank Yarborough and W. J. Smith, Secretary.

Frank Yarborough reported on public relations activities, including plans for National Pharmacy Week, a VD program, member recognition for life saving activities and a proposed news release involving the state's antibiotic antitrust suit.

Whitaker Moose reported more than 200 of the UNC pharmacy students had joined the Student Branch. Representatives of the Branch will be encouraged to attend the 1972 annual meeting of the NCPhA and some financial assistance will be provided.

Officers of the Morehead Foundation will be contacted in regard to pharmacy fellowships.

Mr. Miller discussed the state's mental health drug program and urged a uniform state-wide plan be developed. Details of the Foothills drug program, which is in operation in Burke and nearby counties, were discussed by Mr. Miller.

The committee reviewed a fund raising drive folder which was endorsed by the Consolidated Pharmacy Fund Committee and the Institute/Endowment Committee. Also approved support of the BW Empirin Compound deal with financial support going to the pharmacy student loan funds.

President Hood reported on a meeting with Southern pharmaceutical officials in Atlanta; with Wilmington pharmacists who will host the 1972 annual NCPhA Convention; announced the Woman's Auxiliary had plans underway for remodeling the auditorium of the Institute of Pharmacy and stated B. Cade Brooks of Fayetteville and Herman Lynch of Dunn would be the NCPhA's voting delegates to the NARD Convention.

The 1973 annual meeting of the NCPhA was tentatively set for Boone provided the Convention Center, now under construction, will be available.

The committee reviewed and approved a student survey and appointed James A. Creech to the N. C. Committee on Patient Care.

Concern was expressed over the growing dissatisfaction with the sales policies of some cosmetic firms, particularly with the difficulty on returns, automatic shipments, credit policies, etc. It was suggested purchases be based on purchase orders signed by pharmacy owner and/or manager.

MATTHEWS DRUG, CLINTON, IN NEW LOCATION

Matthews Drug Store in Clinton, N.C. officially moved from Vance Street to the Jordan Shopping Center on Sept. 27.

According to pharmacist Jimmy Matthews, owner and manager, the downtown store was consolidated with the Matthews Drug Store already located in the shopping center, which is presently being expanded.

SMITH WHOLESALE DRUG CO.
SPARTANBURG, SOUTH CAROLINA
FAST SERVICE — DELIVERIES — ACTION

CAMPBELL PHARMACY MUSEUM—A SHOWPLACE

Anyone interested in the field of pharmacy should consider paying a visit to the home of Mr. Rowe Campbell of Taylorsville, for he maintains one of the most extensive collections of pharmaceutical items in the country.

Although Campbell's Pharmatique operated as a regular pharmacy for a couple of years after being moved into his home, it is now proudly shown as a museum. In addition to this, Campbell maintains one of the most complete baseball museums anywhere.

Campbell, who practiced pharmacy from 1918 until 1969, has been collecting the items for his museum since he was nine years old.

Although the 75 year old pharmacist has never traveled abroad, many of his proudest possessions have come from countries around the world. And he can readily recall where any piece was acquired, and when and how he got it.

Among the important and interesting things Campbell refers to is his life-long interest in "the county he was born and brought up in."

Campbell left Alexander County long enough to graduate from Page's Pharmacy School in Raleigh and serve a two-year apprenticeship before he opened his own pharmacy.

In 1969 Campbell was elected to a two-year term as Taylorsville's mayor. He served the town well during a period of extensive growth and development, but did not seek re-election due to health reasons.

A charter member of the Taylorsville Rotary Club, Mr. Campbell served as the club's second president, and is a past elder in the First Presbyterian Church. He is also a former Red Cross chairman, and has assisted with every major fund raising event in the town and county.

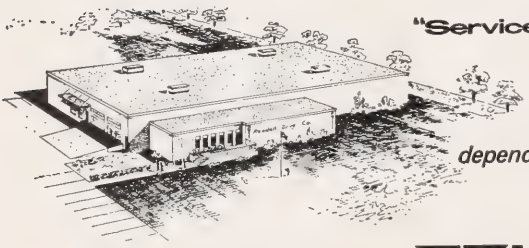
MOVES TO TAYLORSVILLE

Larry W. Jones, UNC '66, and family have moved to Taylorsville where Mr. Jones is now associated with Lewis Ferguson, Rowe Campbell, Jr. and Larry W. Nichols in the operation of Peoples Drug Store and Town and Country Drugs.

HARDY NAMED "BOSS OF THE YEAR"

At a recent dinner meeting in Concord sponsored by the Concord Business and Professional Woman's Club, Rudy Hardy was named "Boss of the Year" and presented an inscribed plaque. Hardy is chief pharmacist at Cabarrus Memorial Hospital.

Hardy's outstanding professional and community record was cited. He is well known for his talks to numerous organizations and for his church work. The Hardys have three adopted children, a son and twin daughters.



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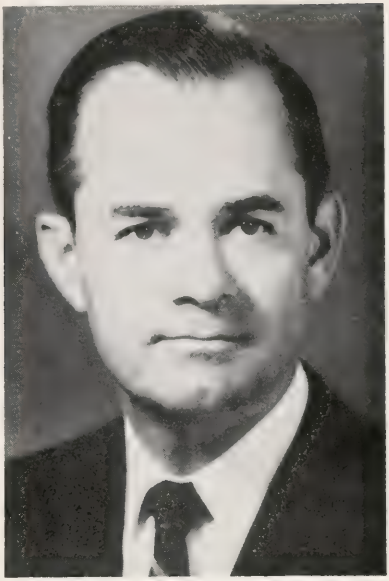

RALPH P. ROGERS, JR.

Ralph P. Rogers, Jr., Executive Vice President and Manager of North Carolina Mutual Wholesale Drug Company of Durham, was reelected president of the Federal Wholesale Druggists' Association at the organization's September 12-15 annual meeting at The Greenbrier, White Sulphur Springs, West Virginia.

Due to the timely significance of Mr. Rogers' presidential address, we present a major part of the address which was entitled

"72 AND BEYOND—AS WE SEE IT"

The computer has been billed as the biggest thing in our future. Data processing is undoubtedly here to stay, and if we don't have plans for full utilization of the capabilities offered, we should. Many sophisticated programs are now being used after institution of simple invoicing including:

Inventory Control
Purchase order writing
Payroll
Truck Routing
Retailer Accounting
Direct order entry from retailers to wholesaler to manufacturer with shipments then being automatically made to Wholesaler to retailer.

The future shows use of terminals in retail stores which will be used with 3rd party payment programs connected to a master computer which will serve as a clearing house for patient profile records (allergies, previous medications used, etc.).

Government medicare officials predict that terminals will eventually be in as many as 15,000 of the larger prescription volume stores. Going a step further, terminals are also envisioned in the physician's office. Here the computer would prescribe the drug of choice for specific symptoms keyed into the terminal. The store would dispense the medication, the 3rd party would be charged for the Rx and the store credited for payment.

Officials are predicting processing a million Rxs per day. By 1980, 50% of all Rx payments will be by a 3rd party. We should be aware of these developments for many many reasons. We cannot allow 3rd party (government or private) to dictate what medications should be available. As wholesalers and manufacturers we must remember that with this increased 3rd party activity, acquisition cost is used as the basis for payment and therefore there would be no advantage in the retailer buying direct.

The computer is good—and is capable of providing these things for us, but we must remember that it still requires someone to push the buttons. This machine will not do the thinking for us and we must not become too complacent in our outlook.

We still need to maintain sales, and seek new ways of increasing sales. We must provide the retailer with as many sales aids as

possible. He must be counseled on all aspects of his business—record keeping, modernization, merhandising, etc.

We must see that our customer continues as a strong aggressive cooperative retailer because he in turn will make us a stronger, more aggressive, wholesaler. The retailer now offers better community health services than ever and with our help this level must be maintained and strengthened.

Let's review the predictions for 1980 for the retailer. Currently the retailer is doing $13 billion and by 1980 the retail drug business will be about $22 billion—twice as much as at present.

Who will be doing this business? Today the large chains are doing 34% of the total volume but by 1980 Neilson says that they will be doing over 50%—the chain volume will increase 172% while the independents will increase 38%. There will be 7,000 fewer independents in business in 1980. We are losing about 60 independents each month. There will also be fewer wholesalers serving these fewer retailers.

In the next *ten* years chain store volume will increase as much as it has in the last *twenty* years. Some people in drug distribution are advising the manufacturer and the distributor to "go after the big boys and forget the smaller store!" A security analyst for a national firm has stated "chains are taking over the drug business."

We can't forget the smaller store! We wouldn't be here together today if we had forgotten the small volume customer. They are the ones who have helped us through the years and will continue to do so. Helping the independent now will mean continued sales in the future.

In 1970 the independent did 63% of drug store volume—his prescription volume was almost $4 *billion* as contrasted to $800 *million* for the chains. *He* outsold the chains on prescriptions 4 to 1. If we do as some advise, i.e., ignore the independent, he will get less service, fewer deals and promotional offerings, and, as a result—less volume and less profit. These smaller stores have contributed to our success and we have an obligation to them which we must fulfil.

Some manufacturers are tailoring most of their programs to the high volume store and by-passing the independent. To you who are manufacturers, I would urge cooperation in providing deals and workable programs of a size and price that the small volume store can buy.

As FWDA wholesalers we must "try harder" and do more than just sell merchandise. We must *aggressively* offer more services, programs, and ideas to help our small volume customer. The small volume store operator needs all the help he can get.

One of our suggestions in this regard is to make the small volume operator aware of his need for this help. The recent success of the chains is due in large measure to their willingness to innovate. We must show the independent that he too needs to innovate and create or he will become another monthly casualty statistic.

As wholesalers our position is more secure with a large number of customers who are not $20,000 a month customers. We are in a dangerous position if we have all our eggs in a few baskets. The large account can momentarily move his account to the distributor who gives him the best low profit offer and thereby leave the first wholesaler at a greatly reduced volume overnight.

The majority of our citizens still prefer the community pharmacist for their drug needs. Shopping centers are primarily dominated by the chains because of lease arrangements, but there is still a need for the independent community pharmacist who runs the downtown corner drug store.

Many independents are having to borrow money to finance slow medicaid payments. Their net profit is at its lowest percentage even with record high sales. Over 60% of their assets are tied up in inventory and accounts receivable. We must remember that more service and information is the key for survival. The manufacturer, distributor, and retailer must be sufficiently aware of the consumer's needs and desires to give him what he wants. Neither the wholesaler nor the retailer can survive without the other. We must work more closely with our customer to help him operate more efficiently without sacrificing the services for which he is noted. The many services *we* can offer our retailer cus-

tomer will make him a more loyal customer of ours.

By 1980 personal income will be up 50% and expenditures for personal care items will be greatly increased. In order for the pharmacist to maintain his reputation for stocking the latest pharmaceutical products, he must depend on his wholesaler to provide these promptly. Chains will make increased use of the wholesaler because they are finding that the wholesaler can provide them with many items faster and at less cost than they can secure them from their own warehouse.

We all recognize that pharmacy is changing; that pharmacy as practiced today is quite different from pharmacy of pre-sulfa and pre-penicillin days, and we recognize the importance of adapting ourselves to these changes as indicated, for example, by the growing impact of governmental agencies on our daily operations, and by the rise of institutional pharmacy.

However important these elements may be, our major effort should be directed toward the community pharmacy which operates at the local level and is still a vital part of our economy. In this connection, it is significant to note that organized medicine is recognizing the importance of the family physician and the family pharmacist through the establishment of departments of family medicine at various institutions. This trend, which can contribute significantly to the extension of better health care at the local level, should be encouraged.

Wholesalers should seek out and encourage those individuals who are interested in community pharmacy and in particular should cooperate with those institutions and agencies that view community pharmacy as essential to the American system of free enterprise. We would encourage a closer working relationship with our state pharmaceutical associations whose interests and membership are the same as our own—at the grassroots level. And I would recommend that we give special encouragement to those pharmacy students who have an interest in retail pharmacy and who contemplate a career of service at this level of endeavor. A constant flow of competent, well-trained, dedicated pharmacists entering our ranks each year will go a long way toward assuring the continuation of one of America's unique symbols of the American way of life—the retail pharmacy.

I'm selfish! I've been in the drug business all my life and I want to see the retail drug industry flourish because I expect to be in this business for many years to come.

The future promises many and exciting developments in the drug industry and the alert aggressive wholesaler and retailer will be a part of and actually help develop many of these changes. We should all be proud to be a part of the drug industry and for the opportunity to share in its future.

PHARMACIST ARRESTED WITH NARCOTICS CACHE FOLLOWING "CITIZENS COMPLAINT"

A Greensboro pharmacist, A. W. Umstead, and three other persons were arrested in late October on narcotic charges. Police, following a "citizens complaint," arrested the four men on a "stake out" in a field outside Greensboro.

The police confiscated a quantity of marijuana, amphetamines, LSD and cocaine and placed the four defendants in County Jail.

CAROLINA BEACH NEWS

Mr. and Mrs. Neil Pharr, formerly of Concord, have purchased the Carolina Beach Drug Company from the Neill Musselwhites. Mr. and Mrs. Pharr, alumni of UNC School of Pharmacy, have a daughter, Julie Elizabeth, who will be one year old in January.

The Musselwhites, also UNC alumni, have moved to Winston-Salem where Neill has entered the Bowman Gray School of Medicine.

MARION EDMONDS ELECTED

Marion M. Edmonds of Greensboro has been elected a Director of the N. C. Pharmaceutical Research Foundation to complete the unexpired term of William R. McDonald III, who resigned due to the press of other duties.

Mr. Edmonds' term will run to 1973.

DOINGS

OF THE AUXILIARIES

- **Cape Fear—Mrs. George O. Markham**
- **Charlotte—Mrs. C. H. Smith**
- **Greensboro—Mrs. Edwin H. Meade**
- **Raleigh—Mrs. Clay Burleson**
- **Winston-Salem—Mrs. A. L. Moir**
- **Durham—Mrs. B. W. Bullock**

AUXILIARY SPONSORS FALL CONVOCATION

A tour and reception at the home of UNC President and Mrs. William Friday, a display and demonstration of new and unique crafts, and a luncheon at the Ranch House were among the highlights of the Fall Convocation of the Woman's Auxiliary held at the Institute of Pharmacy, September 29.

Mrs. George H. Cocolas of Chapel Hill, president of the Auxiliary, presided. Beginning at 10 a.m., registration and a Coffee were held. Members of the Greensboro Drug Auxiliary were hostesses for the Coffee. Mrs. George Hager, wife of the Dean of the UNC School of Pharmacy, and Mrs. John C. Hood, Jr., of Kinston, wife of the NCPhA President, presided at the coffee services.

Mrs. Claude Paoloni, president of the Chapel Hill Auxiliary, welcomed those attending the Convocation. Mrs. George W. Markham of Fayetteville, past-president of the Auxiliary, directed the "Off Broadway Production—Comedy of Errors" which starred Mrs. William V. O'Quinn of Durham as president, Mrs. J. H. Upton of Greensboro as first vice-president Mrs. J. R. Hickmon of Fayetteville as second vice-president, Mrs. L. D. Morse of Raleigh as secretary, Mrs. W. H. Fuller, Jr., of Greensboro as treasurer, and Mrs. W. J. Rhodes of Raleigh as parliamentarian.

Mrs. John T. Henley of Hope Mills, Chairman of Ways and Means, explained the state project entitled "Bizarre Bazaar." Committee reports were heard from Mrs. B. Cade Brooks, Fayetteville; Mrs. Louis Harris, Chapel Hill and Mrs. Ralph Rogers, Jr., Durham of the MOD Education Committee.

The afternoon session featured the following speakers: John C. Hood, Jr., Kinston, NCPhA President; B. Cade Brooks, Fayetteville, Chairman of the NCPhA Endowment/Institute Committee; W. J. Smith, NCPhA Director, reporting for the Consolidated Pharmacy Fund. Special guest speaker was Mrs. Eugene Hackney of Lumberton, who was introduced by Mrs. W. Dorsey Welch of Washington.

Approximately 100 attended the Convocation, which attracted women from all areas of North Carolina. Mrs. A. M. Mattocks and Mrs. Lee Werley were chairmen for the luncheon held at the Ranch House; Mrs. W. J. Smith co-ordinated the planning for the visit to President Friday's home; Mrs. Graham Patrick was responsible for programs and badges; members of the Pharmacy (Student) Wives Organization conducted Registration.

CAPE FEAR VALLEY

The Cape Fear Valley Pharmaceutical Association and Auxiliary opened their new year with a dinner meeting at the Green Valley Country Club on September 30. In the absence of the president, George O. Markham, Vice-President James R. Hickmon presided. Three recent graduates of the UNC School of Pharmacy were welcomed as prospective members: Frances Goodrich, Markham Drug Company; Robert Reaves, Reaves Drugs; Lindsey Devane, Fairmont Drug Company, Fairmont, North Carolina.

The Auxiliary discussed plans for the "Bizarre Bazaar" to be held at the state convention in Wilmington, April 16-18. Each member was urged to put her talents to work and contribute to the bazaar. Proceeds will be used for remodeling and updating the auditorium at the Institute of Pharmacy, Chapel Hill.

B. Cade Brooks, immediate past-president of the NCPhA, introduced the speaker, Frank Yarborough of Raleigh. Mr. Yarborough serves as pharmacist-consultant to the Medical Services Division of the North Carolina Department of Social Services. His topic concerned the advantages in the changes of the Pharmacy Claim Forms.

GREENSBORO

The Greensboro Drug Club Auxiliary held its first meeting of the year at the Greensboro Country Club, September 28. Mrs. W. H. Fuller, Jr., President, conducted the meeting. The invocation was by the Chaplain, Mrs. W. P. Rose.

Mrs. Fuller opened the meeting by welcoming Mrs. Chris Sanford, Mrs. Anne Steele, a new member, and special guests from Burlington, Mrs. Millard Denson, Mrs. Sandy Griffin, and Mrs. C. A. Wharton.

As hostess club for the annual 3-D Luncheon (Dentists, Doctors, and Druggists), Mrs. J. H. Upton, Vice-President, reported that the meeting would be held October 26 at the Four Seasons Holiday Inn.

Plans were discussed for a Tupperware Party to be held at Mrs. J. M. Egbert's home October 13 and a Benefit Bridge to be held April 12 at the Elks Club. Proceeds from both will be used toward the Virginia T. Hayes Scholarship Fund.

Members were reminded of the Auxiliary Fall Convocation to be held in Chapel Hill the following day, at which the Greensboro Club would be hostesses for the Coffee.

Hostesses for the September meeting were Mrs. Upton, Mrs. Fuller, and Mrs. E. H. Meade. Mrs. Wharton won the door prize —a wooden snackset.

RALEIGH WOMEN'S AUXILIARY

The Raleigh Woman's Pharmaceutical Auxiliary held their first business meeting of the season September 10, in the home of Mrs. R. B. Overton.

Mrs. James H. Wilson will serve as Vice President of the Raleigh Auxiliary during 1971-73, replacing Mrs. Roger Williams, who recently moved to Charlotte with her husband and son Stephen.

President Barbara Rhodes discussed the Woman's Auxiliary Fall Convocation to be held September 29 in Chapel Hill, and urged all members to attend.

WINSTON-SALEM APOTHECARY CLUB

The Winston-Salem Apothecary Club met September 2 at 10:00 a.m. at Reynolda Presbyterian Church Fellowship Hall. Twelve members were present.

Mrs. Tom Clark, President, held a brief business session in which the following officers were elected to replace those leaving: Treasurer—Mrs. William Brantley; Secretary—Mrs. A. L. Moir.

The President also announced that she would represent the club at a meeting of the Volunteer Services Bureau Assistance. Members will work with the bureau to help school children in reading and other subjects.

An announcement was made of the Fall Convocation to be held September 29, at Chapel Hill.

Mrs. Denver Lenson reported on plans for a Bazaar to be held November 6 at St. Timothy's Episcopal Church. Mrs. Jim Sitison conducted a workshop on crafts. Proceeds from the Bazaar will be given to the N. C. School of Pharmacy Scholarship Fund.

A pot-luck luncheon was then enjoyed by everyone.

CHARLOTTE

The first meeting of the Charlotte Auxiliary's new year was held at the YWCA October 12 with Mrs. Charles L. Jarrett presiding.

The first vice-president, Mrs. John F. Morton, introduced the speaker, Richard Elmore, Director of "Open House." Mr. Elmore's subject was "How We Can Be a Part of the Solution to the Drug Problem in Charlotte."

Mrs. Bruce Medlin reported on the Fall Convocation. She encouraged members of the Auxiliary to work with the State organization on its project.

Plans were discussed for the Christmas Bazaar and the annual benefit bridge to be held in February. For the past several years the Charlotte Auxiliary has given a scholarship to UNC-Charlotte and UNC-Chapel Hill as well as a contribution to Broughton.

It was announced that the November meeting would be held at the home of Mrs. Roy M. Moss. Ways and Means Committee personnel were announced as follows: Mrs. Newton Etheridge, Jr., Chairman; Mrs. Medlin and Mrs. Moss, Co-Chairman; Mrs. C. H. Smith, Co-ordinator.

THE MORTAR AND PESTLE CLUB DURHAM

Mrs. William P. Wells was hostess at her home on Thursday, October 14th for a luncheon meeting of the Mortar and Pestle Club, the Durham Chapter of the Woman's Auxiliary of the North Carolina Pharmaceutical Association.

Mrs. H. K. Collins gave a program on flower arrangements, including discussion on informal and formal greenery arrangements, and the type of arrangements to be used to center a dining table.

Mrs. William V. O'Quinn, President, officiated at a business session following the program.

Guests were Mrs. W. T. Brinkley and Mrs. Donald Peterson.

COMMITTEE ON COMMUNTY HEALTH ASSISTANCE NOW OPERATIONAL

Dr. Charles W. Styron, Chairman of the Committee on Community Health Assistance has announced that the Committee is now operational as a consultation and planning resource to assist those North Carolina communities facing the most acute problems in providing basic health care services. The Committee, composed of 10 health experts from throughout the State, was recently appointed by Governor Scott to function as a clearinghouse for requests from communities which are seeking a medical doctor.

The Committe envisions its activities as coordinative rather than duplicative of similar or related efforts to aid communities with their health manpower problems. Accordingly, the cooperation of organizations such as the North Carolina medical societies and the medical schools will be enlisted to ensure maximum effectiveness of the Committee's operation.

Dr. Styron cautioned that, although the loss of a local doctor may cause a serious disruption in the delivery of primary health care, the present shortage of physicians may make it impossible to find a doctor for many communities. In these cases the Committee hope to offer such advice and assistance as are needed to arrange alternatives for obtaining needed medical services.

A longer range objective of the Committee, it was pointed out, will be to plan for and propose forms of on-going State assistance to meet the various types of community health needs that are identified during the process of Committee consultation with local communities.

Committee members include: Charles W. Styron, M.D., Committee Chairman and President of the Medical Society of the State of North Carolina; W. G. Anlyan, M.D., Vice President for Health Affairs at Duke University Medical Center; Thornton R. Cleek, M.D., President of the North Carolina Academy of Family Physicians; Donald M. Hayes, M.D., Professor and Chairman of the Department of Community Medicine of the Bowman Gray School of Medicine at Wake Forest University; William F. Henderson, Executive Director of the North Carolina Medical Care Commission; Jacob Koomen, M.D., M.P.H.; State Health Director, F. M. Simmons Patterson, M.D., Executive Director of the North Carolina Regional Medical Program; Daniel C. Roane, M.D., President of the Old North State Medical Society; Jack W. Wilkerson, M.D., Greenville, N.C.; and Glenn Wilson, Associate Dean for Community Health Services at the University of North Carolina School of Medicine.

As specific policies and procedures are developed by the Committee, the information will be made available through the State Office of Comprehensive Health Planning which is providing staff support for the Committee. Inquiries from communities which are interested in utilizing the services of the Committee should be addressed to:

Committee on Community Health
Assistance Office of Comprehensive
Health Planning Department of
Administration
116 W. Jones Street
Raleigh, North Carolina 27603

UNC PHARMACY SCHOOL NOTES

PROFESSOR PIANTADOSI NAMED TO CHEMICAL SOCIETY

Professor Claude Piantadosi, head of the Medicinal Chemistry Division of the University of North Carolina School of Pharmacy, was recently elected to the American Society for Biological Chemists.

Election to this Society is based on research in biochemistry and related disciplines.

BERLOW NAMED TO ADVISORY COMMITTEE

Professor Leonard Berlow, director of Drug Abuse Education, UNC School of Pharmacy, has been named to the advisory committee of the Southern Regional Education Board, headquartered in Atlanta.

Berlow becomes one of a 10 member board which advises the SREB in drug abuse education for its 14 member southern states.

PHI DELTA CHI

Alpha Gamma is proud to announce the acceptance of 12 new pledges from the fall rush held in September. With the 41 brothers currently associated with PDC, membership of the local chapter is now 53.

With favorable weather, construction of the Chapter's new home at 204 Finley Road should be ready for occupancy in early January.

Sale of the PDC house at 206 Fetzer Lane will be negotiated later. The proceeds will be applied towards cost of the new chapter house.

BOARD OF DIRECTORS

Elected to the PDC Board of Directors for 3-year terms: Charles Arnold Britt of Candor; Robert William (Charlie) Brown of High Point and James Chris Morrison of Jonesville, who is also the current president of the active brotherhood.

Britt will serve as treasurer; Brown, secretary; and W. C. Hollowell of Greenville, vice-chairman of the board. Larry D. Irwin of Elkin is board chairman.

Larry Godwin, Lynchburg, Virginia, has been named advisor and consultant to Alpha Gamma Chapter of PDC.

THE NOW PROBLEM

A one-day conference "The Now Problem —Drug Abuse and VD," co-sponsored by the UNC School of Pharmacy and the N. C. Academy of Family Practice, was held in Chapel Hill on November 4.

PHARMACY (STUDENT) WIVES

Pharmacy (Student) Wives of Chapel Hill met September 12 at the home of Mr. and Mrs. W. J. Smith for a get-acquainted cook-out for husbands and wives. Special guests included Dean and Mrs. Lee Werley and Dean and Mrs. David Work from the School of Pharmacy; Mrs. George Cocolas, President of NCPhA Woman's Auxiliary, and Dr. Cocolas; Mr. and Mrs. William P. Wells, Durham, representing the NCPhA; Dr. and Mrs. Allen Smith, and daughter, of Atlanta, Georgia.

In a short business meeting which followed dinner, Mrs. Charles Delaney, President, introduced the officers to all new members, and distributed a listing of programs for the new year.

Mrs. Cocolas discussed the Woman's Auxiliary Fall Convocation to be held September 29 and urged all members to attend.

LOAN FUND ESTABLISHED IN MEMORY OF GEORGE MARKHAM

The Cape Fear Pharmaceutical Society, in memory of Mr. George W. Markham, has established a student loan fund for UNC students in the amount of $100.

The fund, which will be administered by the Consolidated Pharmacy Student Loan Fund, will be lent to students of outstanding character and professional qualities without interest.

Repayment of the loan will begin six months after the student graduates.

The money was presented to the NCPhA by Mr. Hunter Smith, treasurer of the Cape Fear Society.

Markham, owner and operator of Markham Drug Company in Fayetteville, died August 13. He had operated retail pharmacies in Fayetteville for the past thirty years.

His wife, Mrs. Elizabeth Colson Markham, is a past president of the NCPhA Woman's Auxiliary.

HERB GARDEN DEDICATED

On Sunday, August 29, dramatist Paul Green dedicated the herb garden at the Country Doctor Museum in Bailey, N.C.

The museum has been recognized as the only institution of its kind in the United States.

Dr. Josephine E. Newell of Bailey and Dr. Gloria Flippin Graham of Wilson conceived and planned the memorial to country doctors and pharmacists.

Honorary curator of the Museum is Sydney N. Blumberg of Newtown, Conn., a retired pharmacist and collector of medical and pharmacy antiques, who contributed a great deal of effort, interest and "know-how" to the creation of the institution.

The museum is open on Sundays from 2 p.m. till 5 p.m. and Wednesdays from 10 a.m. till 5 p.m.

Bailey is located on Highways 264 and 581 between Middlesex and Wilson.

Two NCPhA-Endorsed Insurance Plans Which Merit Member Participation

DISABILITY INCOME PROGRAM

BASIC PLAN: Accident Total Disability—Lifetime
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Sickness Total Disability—Five Years

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MARRIAGES

Miss Menefee Bennett Little and Robert Wesley Cotton, both of Raleigh, were married September 25 in the First Presbyterian Church of that city. Mr. Cotton, a 1967 graduate of the UNC School of Pharmacy, is a native of Fuquay-Varina.

Mrs. Carol Clayton Eargle and Franklin Earl Norris, Jr., both of Boone, were married August 29 in Grace Lutheran Church. Mrs. Norris, UNC School of Pharmacy graduate, is with Carolina Pharmacy of Boone. Mr. Norris is Acting Superintendent of Mails at the U.S. Postal Service at Boone.

BIRTHS

Mr. and Mrs. David Bumgardner (Martha Catoe, 1967 UNC graduate) proudly announce the birth of a son, Richard Catoe, born July 28 in Charlotte Memorial Hospital. Mrs. Bumgardner is with Yorkmont Drug Company of Charlotte.

Mr. and Mrs. Larry Kennedy announce the birth of a son, Larry Gene II, October 16th. The Kennedys also have a daughter, Lynn, who was born in 1970. Larry is a 1965 graduate of UNC School of Pharmacy and operates Montgomery Drug, Inc. of Star, North Carolina.

ADOPTION

Mr. and Mrs. Willis Whitehead of Siler City announce the adoption on October 12, 1971 of a daughter, Barbara Leigh, age 8 weeks.

Mr. and Mrs. Larry W. Nichols of Taylorsville announce the adoption of an infant son, Scott McKenzie Nichols, April, 1971.

Mr. Nichols is associated with Peoples Drug of Taylorsville.

DEATHS

S. P. Birkitt

S. Poisal Birkitt, a Charlotte pharmacist for 50 years, died September 19 at his home. He was 72.

Mr. Birkitt was formerly manager of the James P. Stowe Drug Store chain. After his retirement, he worked for the Kiser Drug Company, where he was employed at the time of his death.

J. G. Smith

James Grey Smith, 49, of Stokesdale, died September 20 at Cone Memorial Hospital in Greensboro.

Mr. Smith, a graduate of Southern College of Pharmacy, was owner and operator of Smith's Drug Store, Stokesdale.

He was commander of the American Legion Post of Stokesdale and past master of Stokesdale Masonic Lodge No. 428.

Among the survivors are two pharmacist brothers: Robert G. of Mount Airy and Oscar W. of Pilot Mountain.

M. O. Register

M. Ottis Register, 83, retired pharmacist and owner of Register's Drug Store, Clinton, died in Sampson County Memorial Hospital, September 20.

W. W. Allgood

W. W. (Bud) Allgood died at his home in Durham on September 21.

A graduate of the UNC School of Pharmacy, Mr. Allgood formerly operated Hambrick, Auston and Thomas Drugs of Roxboro. In recent years he had been associated with Rogers Drug of Durham.

W. L. Cameron

W. Lachlin Cameron, 64, of Vass, died August 21 in Moore Memorial Hospital.

Mr. Cameron was a native of Hoke County and had been associated with various drug stores, including Shields Drug Company of Carthage and Vass Drug Store, Vass.

CREECH APPOINTED

James L. Creech, Smithfield pharmacist and member of the NCPhA Executive Committee, has been appointed a member of The North Carolina Committee on Patient Care.

Mr. Creech attended a meeting of the committee in Durham on October 15 and a few days later was in Charlotte for a meeting of the Mental Health Association.

PHYSICIANS' ASSISTANTS

The 1971 session of the North Carolina General Assembly enacted into law a Physicians' Assistant Bill (HB 890) as approved by the N.C. Medical Society.

HB 890 exempts from the Medical Practice Act "any act, task, or function performed" by a Physician's Assistant. The act provides that nothing shall "limit or prevent any physician from delegating to any qualified person any acts, tasks, or functions which are otherwise permitted by law or established by custom."

The State Board of Medical Examiners will adopt rules and regulations for administration of HB 890.

REMEMBERS PRODUCT AFTER 68 YEARS

Mr. George Moorefield, manager of Peoples Drug Store in Lexington, N.C., found himself this past month looking for a product marketed in 1903.

Moorefield received the strange request from Mrs. W. C. Jenkins, 90, who had bought a bottle of "Woodfern's Jergens Lotion, or something like that" 68 years ago and remembered that "it did me a lot of good."

The best Moorefield could come up with was a bottle of Woodbury's Lotion, made by the Jergen's Company, which he presented to Mrs. Jenkins without charge.

"If that's it, the bottle shape sure has changed," Mrs. Jenkins said. But she agreed to give it a try anyway.

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION (ACT OF OCTOBER 23, 1962); SECTION 4369, TITLE 39, UNITED STATES CODE

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Average number of copies each issued during preceding 12 months: Total No. Copies printed, 2,400. Circulation: By carriers 0, by mail, 2,060. Total paid circulation, 2,060. Free distribution 60. Office use, left-over, 280. Total copies, 2,400.

Single issue nearest to filing date: No. copies printed, 2,400. Paid circulation, 0. Mail subscriptions, 2314. Total paid circulation, 2,314. Free distribution, 60. Office use, left-over, spoiled after printing, 26. Total copies, 2,400.

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S/s W. J. SMITH
Editor, Business Manager

October 1, 1971

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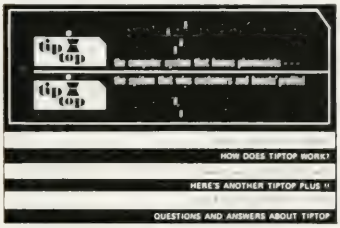

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The Carolina **JOURNAL OF PHARMACY**

Volume LII **Dec. 1971** **Number 12**

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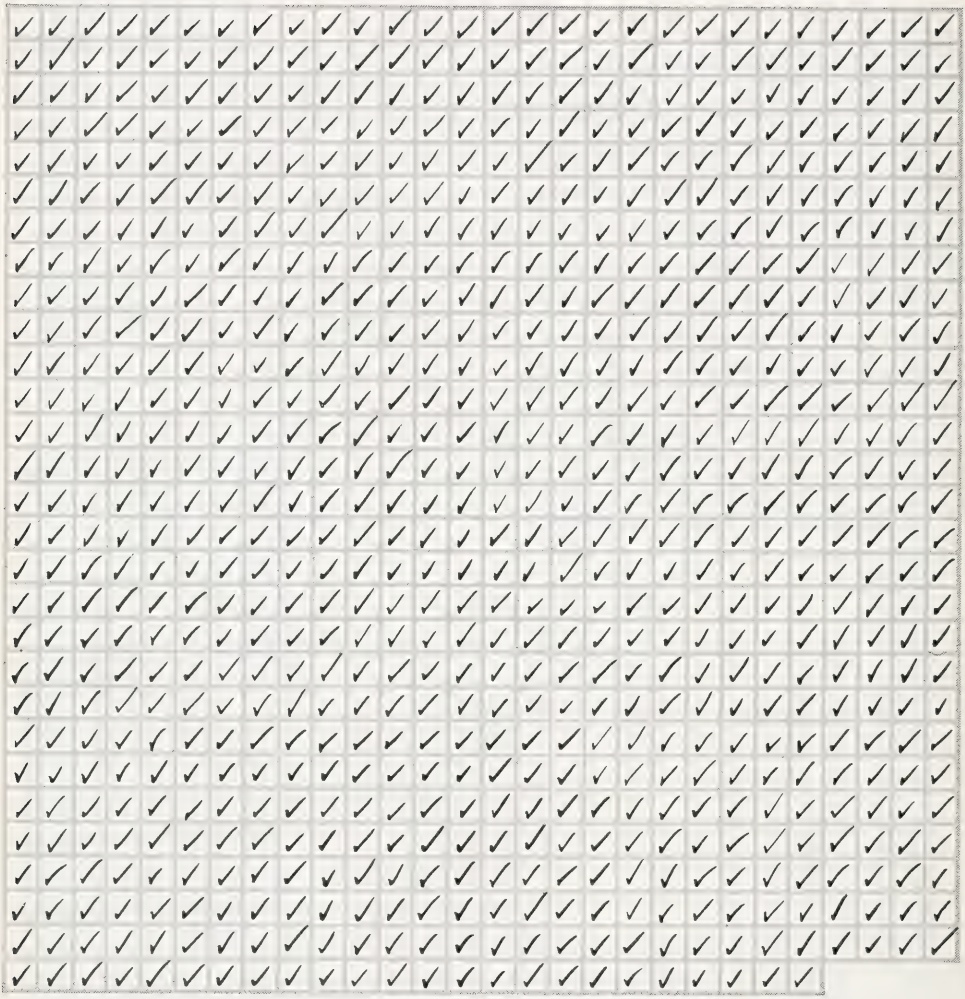
SCHOOL OF PHARMACY

J. Floyd Goodrich (right), Secretary-Treasurer of The Traveling Men's Auxiliary of the NCPhA for forty years, was presented a color TV set on the occasion of his retirement from the post. Tom Sanders of Raleigh, a past president of the TMA, acting on behalf of the more than 300 TMA members, made the presentation. Mr. Goodrich was inducted into North Carolina's "Hall of Fame in Pharmacy" some years ago and, as sales manager for the B. C. Remedy Company, he created a nationwide sales organization for the well known BC product.

808 Quality Checks



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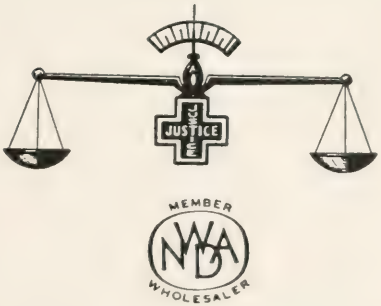

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The Carolina JOURNAL OF PHARMACY

DEC., 1971

Vol. LII No. 12

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RANDALL INJURED IN AUTO ACCIDENT

W. H. (Bill) Randall, Lillington pharmacist and member of the North Carolina Board of Pharmacy, was hospitalized in late November following an auto accident.

The accident occurred in front of Mr. Randall's Lillington pharmacy. He sustained injuries to his head and leg as a result of the accident which was termed unavoidable.

He was released from Cape Fear Hospital, Fayetteville, on November 30.

NCPhA DISTRICT MEETINGS

Three NCPhA district meetings were completed during the late fall months:

November 10: Statesville

November 11: Kings Mountain

November 30: Fayetteville

The program format was the same at all district meetings: Presentations by NCPhA President John C. Hood, Jr. of Kinston and NCPhA Executive Director W. J. Smith of Chapel Hill followed by an open forum session. More than fifteen subjects were discussed during the three hour dinner/business sessions.

Local chairmen for the three meetings were Irving Boyles of Statesville, Charles Blanton of Kings Mountain and George Markham of Fayetteville.

Similar meetings are scheduled for Eastern North Carolina in early 1972.

PHARMACISTS OF IREDELL COUNTY ORGANIZE BOYLES ELECTED PRESIDENT

The state's most recent local pharmacy organization—The Iredell Pharmaceutical Society—adopted a constitution and by laws in Statesville in October.

Irving Boyles, chief pharmacist at Iredell Memorial Hospital, was elected president.

Other officers are Fred W. Lowry, 1st vice president; Joe Miller, 2nd vice president; and Wilfred B. Buckner, secretary-treasurer.

The organization meets bi-monthly in Statesville at 7 A.M. (breakfast meeting).

A project now underway is a survey of local doctors in regard to practices relating to pharmaceutical service.

1. Pharmacist desires to buy profitable drug store in small town. White Box MJ-12.

2. Used fixtures for sale:
   A. Parsons-Bias, Inc., Wadesboro
      W. C. Bias
   B. Welch's Drug Store, Washington
      G. F. May

3. Relief pharmacist available December 18 thru December 20. Call NCPhA Office.

4. Hospital pharmacist available for employment in eastern N. C. RH-12.

5. Opening for young aggressive pharmacist with professional pharmacy in prosperous and growing medical complex. Top salary & 40-hour work week. Unbeatable fringe benefits including profit sharing plan; company paid hospital and life insurance. Send resume listing present and past employment; marital and draft status. Your reply will be held in strict confidence. Write (RP-12) c/o The Carolina Journal of Pharmacy.

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HOLT NAMED EXECUTIVE DIRECTOR OF LILLY'S MARKET DEVELOPMENT AND PLANNING

W. Seymour Holt, director of marketing personnel at Eli Lilly and Company, has been named executive director of marketing development and planning.

Born in Chatham County, North Carolina, Holt attended Louisburg College, receiving an Associate of Arts degree in 1949, and was graduated from the University of North Carolina in 1952 with a Bachelor of Science degree in pharmacy. Boston College granted him a Master of Business Administration degree earlier this year.

A pharmacist registered in Maryland and North Carolina, Holt joined the Lilly company in 1957 as a salesman in Burlington, North Carolina. He held a sales post in Charleston, South Carolina, when he was named manager of the Jacksonville district in 1961.

Holt became manager of the Indianapolis district in 1964 and the following year was named an administrative assistant in the market development division. In 1966 he was transferred to Boston as manager of that district. He was promoted to director of sales in 1968 and was named director of marketing personnel in 1970.

Holt is a member of the American Pharmaceutical Association, the *North Carolina Pharmaceutical Association,* and Rho Chi, pharmacy honor society.

SCHEDULE CHANGE FOR MARCH 1972 BOARD EXAMS—The March 1972 Board of Pharmacy Examinations have been re-scheduled from March 21 to March 14-15, 1972. All candidates will please note this change. Applications for the examinations must be filed by February 14, 1972. Persons taking only the practical examinations should also notify the Board of their intentions to take the practical by that date.

CHAIN AVERAGES ANNOUNCED

Compiliation of the first annual NACDS/ Lilly Digest survey of chain drug store operations has just been announced. Based on data provided by 1141 chain pharmacy units throughout the United States, the averages were

SUMMARY OF THE
AVERAGE CHAIN PHARMACY—1970

Total Sales	$845,343	
Cost of Goods Sold	606,599	
Gross Margin	$238,744	(28.2%)
Total Expenses	$196,990	(23.3%)
Net Profit (Before Tax)	$ 41,754	(4.9%)
Annual Inventory Turnover	4.9 times	
Average Prescription Charge	$3.77	

BURROUGHS WELLCOME WINS PERFECT PACKAGE AWARD

Burroughs Wellcome Co. has received the 1971 DIANA award (Drug Industry Annual Award) for the "perfect package" from the National Wholesale Druggists Association.

The award, one of the most sought after in the pharmaceutical industry, is given to the company whose packaging meets specific requirements dealing with the description and identification of the contents, ease of stacking on the shelf, protection from light and dust, plus other major criteria.

Burroughs Wellcome has its corporate offices and research laboratories in the Research Triangle Park and manufacturing facilities in Greenville.

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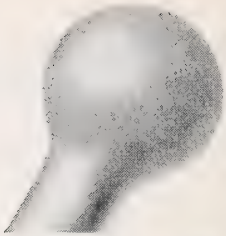

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TAR HEEL DIGEST

MORGANTON—R. Ellis Tate, Shelby pharmacist, has accepted a position as pharmacist with Community Pharmacy. He has been employed at Smith Drug Store, Forest City.

ELIZABETH CITY—B. Ray Bonney has been named assistant manager of Peoples Service Drug Store at Southgate Mall. He is a graduate of the UNC School of Pharmacy.

SILER CITY—Mrs. Ann Brooks Womack of Sanford, a 1971 graduate of the UNC School of Pharmacy, has accepted a position with Chatham Rexall Drug Company.

KINSTON—Warren C. Sharpe of Fayetteville is the new pharmacist at Standard Drug Store No. 1. He succeeds Robert Cohen who has opened a pharmacy in New Bern.

SMITHFIELD—Eckerd Drug has closed its mobile trailer prescription department in Rose Manor Shopping Center and has transferred the prescription files to Goldsboro. The firm will return to Rose Manor when its new building is completed next year.

BURLINGTON—Guest speaker at a recent meeting of the American Legion Auxiliary was Jack Watts, Eli Lilly MSR. His topic was "Drug Abuse and What We Can Do About It."

STATESVILLE—Joe L. Miller of Holmes Drug Company has been elected a director of the Statesville Chamber of Commerce.

ALBEMARLE—Rolf Nelson Ellis, hospital pharmacist, on November 2 and 4, discussed pharmacy as a career at one of the local schools.

FRANKLIN—Pharmacist Henry Wall of Carolina Pharmacy has been elected a trustee of Angel Community Hospital.

HENDERSONVILLE — Pharmacists of Hendersonville were active participants in Henderson County's November diabetes detection campaign. Dreypak test kits were made available on request.

ASHEBORO—James Prevo has been elected a director of the Asheville Chamber of Commerce.

GRANITE FALLS—Larry Huffman, an employee at Valdese General Hospital, is the owner/manager of Granite Drug Center which was established in the late fall.

AAA DRUGS OPENS IN MOUNT AIRY

A new drug store, AAA Drugs, Inc., is scheduled to open its doors to the public of Mt. Airy in mid-November. The store will be located on Main Street in the downtown business district, in a building formerly occupied by the Advance Store.

The executive officers of the new corporation are Paul Gravitte, president, and R. J. Hiatt, secretary and treasurer.

Gravitte, a native of Pilot Mountain, is a registered pharmacist, having graduated from the Medical College of South Carolina in 1965. He has been employed in Mount Airy since 1966.

Both Gravitte and Hiatt worked previously with Hollingsworth Drug Store, which was located on Main Street for several decades, then later in Mayberry Mall. Hiatt managed the Mayberry Mall store for the last three years. That store went out of business approximately a month ago.

The new store will offer about 2,500 square feet of space to the business pair. The pharmacy will operate as an independent unit, not affiliated with any chain organization.

LETTERS

Dear Mr. Smith:

We sent a letter to you a number of months ago stating that Nationwide Insurance had canceled our burglarly insurance after two robberies. A note to this effect was printed in The Carolina Journal of Pharmacy. After this was printed we had a visit from the Nationwide Company and after a few changes in the Pharmacy, like adding bars to the windows and steel bars to the back door, Nationwide reinstated our burglarly insurance.

Please pass this information on to The Journal of Pharmacy and let the other Pharmacists of the State know that our association is helping us in ways they may not expect.

Sincerely yours,
Roy B. Smith, Jr.
Newland Pharmacy
Newland, N. C. 28657

Mr. Fred C. Chamblee, President
Durham-Orange Pharmaceutical Society
Carrboro, North Carolina 27510

Dear Mr. Chamblee:

Your name was given to me by Mr. Stroud Brewer as the person in the Durham-Orange County community with whom to communicate regarding the use of safety containers in the dispensing of medication.

The Duke Poison Control Center, as you are well aware, has been urging the use of safety caps for many years. This has been championed by Dr. Jay Arena, our founder and our chief advisor. Since Duke Medical Center started using safety closures on drugs dispensed here, we have not had a single case of overingestion accidentally by a child or an adult using a Duke Medical Center container. We have a variety of ingestions from the use of other types of containers, however. I fully realize that safety caps are not the complete answer to the end of accidental poisoning. I am also quite aware of the fact that many times a safety cap bottle is left out because the family does not think that the child at home will be interested in this and, therefore, the bottle is still not stored safely. However, I do think this does present a real deterrent to childhood poisoning if the child has found medication. He will by all means go to the one whose top is easy to open in preference to the one with the safety cap.

I have been prompted to write this letter because of an extremely tragic event which occurred last week. This was a 4-year-old girl who ingested a large number of Tofranil tablets. The small orange pills had been dispensed in a bottle with a very easily opened screw top. A very large number of pills had been given to this mother with five young children at home. Two children in this family ingested the tablets. One child was discharged five days after ingestion. The other child expired 18 hours after admission.

I would like to strongly urge community interest in the use of safety cap bottles, particularly in the dispensing of potent medications such as analgesics, tranquilizers, and sedatives. I would also like to personally urge that these be used especially when given to mothers and fathers of young children or given to families in which there are a number of young children at home.

I feel very strongly that if as physicians we urge patients to purchase their medications from pharmacists who use safety caps and if more pharmacists would use safety caps, it would go a long way in convincing parents that medicines are dangerous, that they should be locked up, and that they should be used with care. It is very difficult to convince individuals of the toxicity of certain drugs when a physician prescribes 200 tablets of a potent tranquilizer to a family without cautioning them and then for a pharmacist to dispense this large number of possibly attractive pills in a bottle which is very easily opened by a curious child. I think the medical profession and the pharmaceutical profession must work hand in hand in stressing the use of safety caps.

Again, I would appreciate your cooperation in urging the pharmacists in our community to investigate the use of safety caps and then to use them.

Sincerely yours,
Shirley K. Osterhout, M.D.
Associate of Pediatrics
Clinical Director
Duke Poison Control Center

let's get down to brass tacks

a complete sundries program

For 126 years, the Henry B. Gilpin Company has offered a wide range of services to pharmacists and pharmacies. Once these services were simple. Today they are complex. But the Gilpin service is still complete. Completely modern. Completely attuned to your needs. Like the Gilpin sundries plan. We provide a complete sundries department with inventory specially designed for your store, and a built-in provision for economical and reliable restocking of your shelves. Gilpin also maintains an expanding stock of promotional sundries and programs that build traffic and make sales for you. In addition, Gilpin offers 10 other services to help you in your practice of pharmacy. One or more of them may just fit your need.

1. **An experienced, pharmacy oriented sales force** trained to assist you in merchandising and store operations. In addition to their own experience, these men are prepared to immediately draw upon a wealth of experience in every phase of store operations which exist within the Gilpin company now.
2. **A comprehensive and up-to-date convalescent aids program.** Professional assistance is available to design a program to meet your space and inventory requirements and train appropriate personnel in your store to make this a profitable department.
3. **A complete sundries program** providing sundries departments and inventories designed specifically for your store, with a built-in provision for economical and reliable restocking of your shelves. Along with this, we maintain expanding stocks of new promotional sundries and programs for increasing traffic and sales.
4. **A professional planning and remodeling service** within our organization which includes complete service in floor design, fixture and installation.
5. **Professional help in site selection,** store development and in lease acquisition for desirable sites.
6. **Computerized inventory and billing systems.** This modern computerization also makes possible a wide range of additional data services including regular issuance of individual monthly reports of DACA drugs showing quantities and dates on which they were submitted.
7. **A financial service consultant** to service you on request.
8. **Professional Services Department.** A professional services department which provides you with vital assistance in the form of direct services and/or consultation in areas including: Medicare, Medicaid, third party payment programs, pharmaceutical inventory control, federal and state regulations, and many other areas.
9. **Two giant product shows each year:** in January featuring summer goods; in July featuring selections of fall and gift merchandise and emphasizing promotional sundries.
10. **An Accounts Receivable program.** A computerized system that knows pharmacists. The program handles your charge accounts and gives your customers a monthly statement showing all their deductible medical expenses, both for the current month and for the year to date. It also provides a monthly report on the aging of your accounts in the summary.
11. **Professional advertising and promotional assistance.** Our specialists in this area now provide on-going advertising and promotional programs for many of our customers and are available to assist you in this increasingly important area of your operation. With complete stocks and complete lines of merchandise provided with it, we are well qualified to provide the services required to nail down the profit dollars which you need and deserve from your business.

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Check the area of your particular interest or need on the coupon below and mail it to us or phone us. We'll arrange for Gilpin specialists to tailor the services which your particular interest or situation requires.

Sirs:
I am interested in the following programs. Please have your representative contact me in this regard.

Name _____

Name of Pharmacy _____

Address _____ Phone _____

City _____ State _____ Zip _____

LEFT:

During Link Brothers Pharmacy (Reidsville) grand opening, this still life by Peggy Link was awarded as one of the grand prizes—"just for coming to see our new store." Although the prizes included a color TV set, $50 bills and Chanel #5 sets, it was the painting which commanded the most interest.

BOTTOM:

View of Link's prescription department with ample working space for the pharmacy's three pharmacists. Adjacent to the prescription department is a six-seat waiting area and nearby are modern cosmetic, sundries and general drug departments—all testifying to an aggressive organization which came back strong from a fire which forced the pharmacy into temporary quarters for more than six months.

NEW LINK BROTHERS PHARMACY OPEN

Customers of Link Brothers Pharmacy in Reidsville may now view an art exhibit while waiting for their prescriptions to be filled.

Paintings by Phil Link, an owner and pharmacist at the store, and his wife, Peggy, will be part of the atmosphere in the new store, which reopened Labor Day after a fire destroyed the old building last spring.

Currently the couple has 14 paintings—seven each—on exhibition. One by Peggy has won the best of show award (Fournier Bowl) in the Rockingham County Fine Arts Festival and at least one other was included in the juried touring show exhibited in the Southeastern states.

One of Mrs. Link's paintings was awarded as one of the store's Grand Opening prizes. The display of art work will be a continuing exhibit at the drug store, with paintings being changed periodically.

The Link family has been in pharmacy in Reidsville since 1908 when the late H. E. Link, Sr. and T. L. Gardner opened the Gardner Drug Co. Phil Link has been with the company for 33 years as a registered pharmacist and he was there when the name changed to Link Brothers Pharmacy about 20 years ago.

The pharmacy, which has an area of 4,500 square feet, offers many other new features to the waiting customer besides the art exhibit. Background music, a different telephone ring in the form of chimes, and the paintings all add beauty to the brick and wood paneled interior. The carpeting is gold and the wood paneling is painted two shades of green.

"We try to have a drug store facility that is both functional and aesthetically pleasing," Link said.

"I MUST REMIND YOU, SIR—THIS IS NOT A DRIVE-IN PHARMACY."

LOZIER

DRUG STORE FIXTURES

- LAYOUT & DESIGN
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- STORE ACCESSORIES
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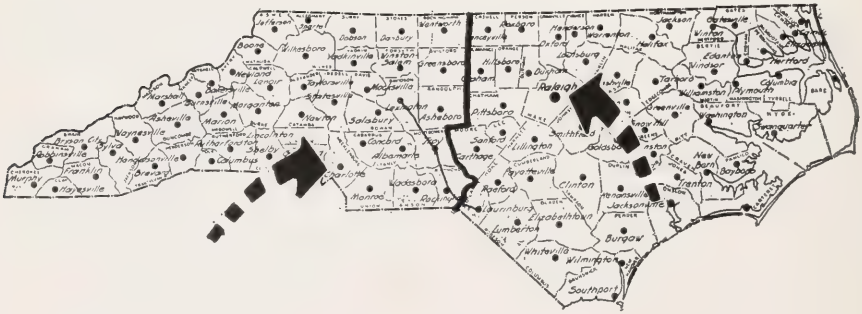
" Now Serving North Carolina Pharmacists with Quality Equipment and Service at the Lowest possible cost."



ROLAND G. THOMAS
STORE DESIGN
P. O. BOX 25345
CHARLOTTE, N. C. 28212
(704) 376-5150

ROBERT J. NYBERG
STORE DESIGN
532 HARVARD ST.
RALEIGH, N. C. 27609
(919) 787-0516

Seasons Greetings

TO NORTH CAROLINA PHARMACISTS

We want to express our sincere thanks to our many friends and customers who selected us to assist them with their fixture requirements during 1971. You helped make us the NUMBER ONE source of drug store fixtures in North Carolina, and we appreciate that.

We wish all N. C. Pharmacists a prosperous and successful New Year!

Roland Thomas & Robert Nyberg

LOZIER

DRUG STORE FIXTURES

Norelco

Norelco
1420 Cassette
Recorder

We've got the real Carry-Corder.

And now it's even better!
So c'mon in and meet the new Norelco Carry-Corder 1420. It's *the* portable cassette recorder of professional quality. Full of features that look-alikes can't come close to. From simple one-switch operation to a new push-button cassette eject. Plus hundreds of unseen parts and production steps that are the real reason the Norelco Carry-Corder is such a sound bargain.

Includes AC adapter, carry case, Remote control microphone, patch cord and C60 cassette!

EXCELLENT FOR STUDENTS RETURNING TO SCHOOL THIS YEAR!

Team-up with

CONTINUING EDUCATION

With The Cassette System
Write for Prices and Literature of Other Models

ESTES ENTERPRISES

P. O. Box 298
Reidsville, N. C.
27320

DISASTERS AND MISCELLANEOUS MISFORTUNES

WHITEVILLE: Simmons Drug Company was the target of a break-in on November 6. Merchandise valued at more than $400 was taken.

YADKINVILLE: Agents of the SBI have arrested three persons who have been charged with robbery of Schlagel's Pharmacy, East Bend. $400 in cash and coins, a sack of gold dust, diamonds and firearms are missing.

WELCOME: Four Davidson County men have been arrested in connection with the robbery of Welcome Drug Company. A window and display case were damaged in the break-in.

GASTONIA: Fire believed to have resulted from a defective light fixture caused considerable damage to Brown-Medlin Drug Store on November 11.

THE FIRST CALENDAR

The history of the calendar goes back to the time when man first settled down as farmers. Until then they knew little of the seasons and how they followed one another. In fact, they were not sure that after winter there would be spring.

Over 6,000 years ago Ancient Egyptians were the first to measure with any exactness. They had their farms along the River Nile which overflows once a year. The best time to plant was immediately after the flood, when the water had left a layer of rich mud on the land.

Egyptian Priests noticed that once each year, about the time of the flood, the Star Sirius would rise just before the sun rose. The Priests counted the days that passed before this recurred and noticed that there were 365 days each time. At last they knew how long a year was. They divided this year into 12 months or "moonths" of 30 days each, with 5 days extra at the end of the year. This was the first calendar invented.

Historians figured this Egyptian calendar was adopted about 4236 B.C., more than 6,000 years ago!

Ernest Rabil of Winston-Salem and friend discusses Continuing Education at Norelco Booth in Durham. See Estes Enterprises ad in this issue of the Journal. Photo by Colorcraft.

Two NCPhA-Endorsed Insurance Plans Which Merit Member Participation

DISABILITY INCOME PROGRAM

BASIC PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Two Years

EXTENDED PLAN: Accident Total Disability—Lifetime
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PLAN I: $12,000 Maximum Benefit including $16 Daily Room Limit
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STATE BOARD OF PHARMACY

Members—David D. Claytor, Greensboro; Harold V. Day, Spruce Pine; C. E. Page, Jr., Henderson; Jesse M. Pike, Concord; W. H. Randall, Lillington; H. C. McAllister, Secy.-Treas., Box 471, Chapel Hill, N. C.

NEW PHARMACIES

1. AAA Drugs, 244 N. Main Street, Mount Airy. Alton Paul Gravitte, pharmacist-manager and owner.
2. Buie Pharmacy, College Village, Winston-Salem. Wayne Buie, pharmacist-manager and owner.
3. Howard's Rx Drugs, N. Main Street, Mars Hill. Edwin C. Howard, pharmacist-manager and part owner.
4. Kerr Drugs, South Hills Shopping Center, Raleigh. W. C. Baxley, pharmacist-manager and part owner.
5. Walkertown Rexall Drugs, Inc., Cor. Norris & Highway 66, Walkertown. Lester Auman, pharmacist-manager and owner.

15,000 SQ. FT. KERR STORE SCHEDULED FOR CHAPEL HILL

E. N. Richards and Associates of Raleigh announced Nov. 11 that Kerr Discount Drugs will maintain a 15,000 square foot store in the University Mall, a shopping center now under construction in Chapel Hill.

Scheduled for an opening in either the spring or summer of 1973, the center will have about 350,000 square feet of stores and approximately 40,000 feet of mall area. Built on a 40 acre tract, the mall will contain more than 50 retail stores and services, and will provide some 2,400 parking spaces.

The center is located in the area formed by Willow Drive, Estes Drive and U.S. 15-501 Bypass.

The project, upon completion, will employ from 1,000 to 1,200 persons in the various stores.

A spokesman for E. N. Richards and Associates said the stores themselves will incorporate the latest in store decor and merchandise fixture design.

CHANGE IN OWNERSHIP

1. Rose Pharmacy, Inc., 351 North Main Street, Hendersonville. David Marion Young, pharmacist-manager and part owner.
2. Henriksen's Pharmacy, Inc., North 17 Shopping Center, Wilmington. H. E. Henriksen, Sr., pharmacist-manager. H. E. Henriksen, Jr., owner. (Formerly Turner's Drug Store)
3. Henriksen's Pharmacy, Inc., Cape Fear Shopping Center, Wilmington. Michael M. Morris, pharmacist-manager. H. E. Henriksen, Jr., owner. (Formerly Turner's Drug Store).

CHANGE IN NAME/ADDRESS

Woodmere Pharmacy, 2100 Phillips Avenue, Greensboro, has moved to 2004 Pisgah Church Road, Greensboro, and now operates as Country Park Pharmacy.

REVCO TO OPEN IN CHAPEL HILL

Chapel Hill will be receiving a new chain drugstore later this year when Revco, Inc., out of Cleveland, Ohio, moves on to downtown Franklin Street.

Revco will be moving into the location just recently vacated by The Goody Shop, a landmark restaurant which has been on Franklin Street for nearly 25 years.

The restaurant, which was established in 1948 by Pete Dorton, has been run since 1952 by Pete and his son, Spero. The closing of the shop marked the end of a Goody Shop string going all the way back to 1913, when two of Pete Dorton's uncles opened the original on Main Street in Durham.

Revco has not yet announced any plans for the future business.

Instant identification

For your convenience and the protection of both patient and physician, we have put the Upjohn code number on the tablets and capsules listed below. These numbers match the National Drug Code numbers for instant identification. We will keep you informed as other products are added to the list.

Upjohn

Code No.	*Product*
34	Cortisone Acetate, Tablets, N.F., 25 mg
70	Tolinase® (Tolazamide, Upjohn), Tablets, 100 mg (U.S.P.)
100	Orinase® (Tolbutamide, Upjohn), 0.5 Gm, Tablets (U.S.P.)
111	Sigtab® Tablets, Coated Red
114	Tolinase® (Tolazamide, Upjohn), Tablets, 250 mg (U.S.P.)
116	Cordex® (Buffered), Tablets
118	Cordex-Forte® (Buffered), Tablets
225	Cleocin® HCl (Clindamycin HCl Hydrate, Upjohn), Capsules, 150 mg
331	Cleocin® HCl (Clindamycin HCl Hydrate, Upjohn), Capsules, 75 mg
336	Lincocin® Pediatric (Lincomycin Hydrochloride, Upjohn), Capsules, 250 mg (U.S.P.)
500	Lincocin® (Lincomycin Hydrochloride, Upjohn), Capsules, 500 mg (U.S.P.)
503	Medaprin®, 1 mg, Tablets
782	Panmycin® Hydrochloride (Tetracycline Hydrochloride, Upjohn), Capsules, 250 mg (U.S.P.)

DRUG STORE SHOPPERS ARE DIFFERENT . . . . . .

Today's shopper expects, and responds, to a Modern Shopping Atmosphere.

3 out of 10 impulse purchases are inspired by

DISPLAYS

The right kind of drug store fixture is the KEY to VOLUME Sales . . .

We can assure you the right kind of fixture for every display purpose with

COLUMBUS IMPERIAL DRUG STORE FIXTURES

Let us DESIGN and engineer your DRUG STORE to promote and SELL merchandise.

We have successfully given this service to our customers for over a quarter of a century.

"Giving you the best design, the best fixture and the best service by professionals"

CALL US FOR A SINGLE FIXTURE OR A COMPLETE STORE.

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513 East Trade Street

CHARLOTTE, NORTH CAROLINA

Telephone 704-334-3457

USE OF AMPHETAMINES DECLINING, SURVEY SHOWS

A recent survey has shown a sharp decline in the number of prescriptions for amphetamines in Forsyth County.

The survey, conducted by the Winston-Salem Journal, showed that recent federal laws have made it so inconvenient and even expensive for people to get amphetamines legally that the use of the stimulant is decreasing.

At the same time, the American Medical Association is encouraging doctors to reduce the number of prescriptions they write for amphetamines. In mid-October, the North Carolina Neuro-Psychiatric Association voted to discourage the prescribing of amphetamines by psychiatrists except in limited cases.

As of Aug. 6 amphetamines were changed in federal laws to the same category as narcotics. A doctor must have a special license before he can write amphetamine prescriptions.

The stimulants must now be ordered by a pharmacy or a doctor on special order blanks, which are good only one time.

If a patient wants a refill he must return to the doctor's office and have another prescription written.

Several Winston-Salem pharmacists said recently that many patients do not want the inconvenience and the extra expense of returning to the doctor's office for another prescription.

Spokesmen for several drug stores said they have experienced declines in the number of prescriptions ranging from 10 to 70 per cent.

BIRTH CONTROL URGED FOR PHARMACISTS

Dr. Takey Crist, a gynecologist at UNC at Chapel Hill, has urged all pharmacists to openly display contraceptive products and birth control literature in their stores.

Crist made the suggestion when he addressed the School of Pharmacy's Clinical Symposium on Health Education held in Chapel Hill Oct. 20.

Crist told the group that since they help promote sexuality, they also ought to have some responsibility for its consequences.

"If the pharmacist can be a major factor in the advertising, the display and the exploitation of sexuality for profit, why shouldn't the pharmacist be a central figure in the dissemination of honest family planning information?"

The doctor thought that some pharmacists would recoil at the thought of making contraceptives available to all persons of childbearing age.

"Not unaware of these genuine feelings," Crist said, "I wonder about the morality of the society in which one of every 12 children is born out of wedlock—a society where a new case of gonorrhea occurs every 15 seconds."

Crist said that technological advances made in the field of contraception to date and those yet to be made offer an opportunity to make realizable a moral goal of planning human conception.

"The pharmacist is a very important member in this effort to control world population and family planning and to avoid unnecessary tragedies."

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For the Finest Quality Plus Fast Dependable Service on All Your

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The only levodopa with scored tablets as well as capsules

Only Larodopa (levodopa) Roche provides scored tablets, as well as capsules, assuring highly flexible, convenient dosage titration and individualization of therapy.

By stocking Larodopa, you can keep your inventory at a minimum.

Whether the Rx calls for tablets or capsules, fill it with a Larodopa dosage form.

Larodopa is competitively priced.

Manufactured domestically.

Uniformly high quality, consistent with stringent Roche standards.

Equitable pricing policy for both retail and hospital pharmacy.

As with all Roche prescription specialties, traditional sampling has been discontinued.

The Roche commitment to continuing research and education in levodopa therapy helps keep Larodopa first choice of the prescribing physician.

More prescriptions are written for Larodopa (levodopa) Roche than for any other brand.

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Tablets, conveniently scored, 0.25 Gm and 0.5 Gm.
Capsules, 0.25 Gm and 0.5 Gm.

Larodopa®
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Important Therapeutic Considerations

(a) Larodopa (levodopa) is not curative and its mechanism of action is unknown, though postulated.

(b) Long-term safety and efficacy for Larodopa have not been established.

(c) Accurate diagnosis is imperative since there is no evidence that Larodopa is effective in neurological diseases other than Parkinson's disease and syndrome.

(d) About one-third of patients or more will not experience clinical improvement on Larodopa, and virtually 100% of patients will experience side effects of some degree.

(e) The dose of Larodopa producing maximal improvement with tolerated side effects must be *carefully titrated for the individual patient.*

(f) Finally, there is no evidence that early treatment with Larodopa, while possibly controlling symptomatology, alters the course of the disease.

Before prescribing, please consult complete product information, a summary of which follows:.

BECAUSE OF THE HIGH INCIDENCE OF ADVERSE REACTIONS AND THE NECESSITY FOR INDIVIDUALIZING THERAPY, THE PHYSICIAN SHOULD THOROUGHLY FAMILIARIZE HIMSELF WITH THE INFORMATION IN THE PACKAGE INSERT BEFORE INSTITUTING THERAPY WITH LARODOPA. ACCURATE DIAGNOSIS IS IMPERATIVE BECAUSE EVIDENCE IS LACKING THAT LARODOPA IS EFFECTIVE IN NEUROLOGICAL DISEASES OTHER THAN PARKINSON'S DISEASE AND SYNDROME.

ADEQUATE CLINICAL AND LABORATORY FACILITIES SHOULD BE AVAILABLE FOR PROPER MONITORING OF TREATMENT.

THE LONG-TERM SAFETY AND EFFICACY OF LARODOPA HAVE NOT BEEN ESTABLISHED.

Indications: For the treatment of Parkinson's disease and syndrome. Useful in relieving many of the symptoms, particularly rigidity and bradykinesia; frequently helpful in management of associated tremor, dysphagia, sialorrhea and postural instability.

Contraindications: In patients for whom a sympathomimetic amine is contraindicated; in patients receiving MAO inhibitors (the latter should be discontinued two weeks prior to initiating therapy with Larodopa); in patients with clinical or laboratory evidence of **uncompensated** endocrine, renal, hepatic, cardiovascular or pulmonary disease; with narrow angle glaucoma and blood dyscrasias; in patients with known hypersensitivity to levodopa.

Warnings: Long-term safety and efficacy not established. Administer with extreme caution to patients with bronchial asthma or emphysema who may require sympathomimetic drugs; to those with active peptic ulcer (in facilities equipped to treat gastrointestinal hemorrhage); in patients with psychoses or severe psychoneuroses. Initiate therapy with extreme caution and in proper treatment facility in patients with a history of myocardial infarction who have residual atrial, nodal or ventricular arrhythmias. Monitor all patients for development of mental changes, depression with suicidal tendencies, other serious antisocial behavior. Carefully consider concomitant administration of pyridoxine hydrochloride (vitamin B_6); oral doses of 10 to 25 mg have been reported to rapidly reverse the antiparkinson effects of Larodopa. In pregnancy, weigh potential benefits against possible hazards. Do not use in nursing mothers. Safety of Larodopa in children under age 12 not established.

Precautions: During extended therapy, periodic evaluations of hepatic, hematopoietic, cardiovascular and renal function recommended. In diabetic patients, control may be adversely affected; careful, frequent monitoring and proper adjustment of antidiabetic regimen required. Patients with chronic wide angle glaucoma may be treated cautiously provided intraocular pressure is well controlled and patient is monitored carefully. Monitor carefully patients receiving antihypertensive agents or psychoactive drugs concomitantly, or those with history of convulsions. If general anesthesia is required, discontinue Larodopa (levodopa) 24 hours prior to surgery; monitor cardiorespiratory functions carefully. Patients who improve on Larodopa therapy should resume normal activities cautiously. May be used concomitantly with other antiparkinson drugs with possible reduction in dosage of each.

Adverse Reactions: *Most frequently occurring:* nausea, anorexia, emesis, cardiac irregularities, orthostatic hypotension; choreiform, dystonic and other adventitious movements; dizziness, sedation, dyskinesia; psychiatric symptoms such as agitation, anxiety, confusion, depression, hallucinations, delusions, insomnia, nightmares, and mental changes including paranoid ideation and psychotic episodes. *Less frequently occurring* and listed according to system: *psychiatric*—suicidal tendencies, increased libido with serious antisocial behavior, euphoria, lethargy, stimulation, fatigue and malaise, dementia; *neurological*—ataxia, convulsions, faintness, impairment of gait, headache, increased hand tremor, akinetic episodes, torticollis, trismus, oculogyric crisis, weakness, numbness, bruxism; *gastrointestinal*—constipation, diarrhea, epigastric and abdominal distress and pain, flatulence, eructation, hiccups, sialorrhea, difficulty in swallowing, bitter taste, dry mouth, tightness of mouth, lips or tongue, duodenal ulcer, gastrointestinal bleeding, burning sensation of the tongue; *cardiovascular*—nonspecific ECG changes, palpitations, hypertension, flushing, phlebitis; *hematological*—hemolytic anemia (1 case); *dermatological*—sweating, edema, hair loss, pallor, rash, bad odor; *musculoskeletal*—low back pain, muscle spasm and twitching, blepharospasm, musculoskeletal pain; *respiratory*—feeling of pressure in the chest, cough, hoarseness, bizarre breathing pattern, postnasal drip; *urogenital*—urinary frequency, retention, incontinence, hematuria, nocturia, and one report of interstitial nephritis; *special senses*—blurred vision, diplopia, dilated pupils, activation of latent Horner's syndrome; *other*—fever, hot flashes, weight gain or weight loss.

Nausea, anorexia and vomiting usually obviated by temporary dosage reduction and/or administration with food. If cardiac arrhythmias occur, discontinue and institute other antiparkinson therapy. Reduce dosage when involuntary movements occur.

The following have been noted: elevation of BUN, SGOT, SGPT, LDH, bilirubin, alkaline phosphatase or PBI; occasionally, reductions in WBC, hemoglobin and hematocrit; elevations of uric acid with use of colorimetric method but not with uricase; rarely, positive Coombs test; dark sweat and urine.

Dosage and Administration: Because of the strong possibility of adverse reactions and the necessity for individualizing therapy, the physician should thoroughly familiarize himself with the information in the package insert before instituting therapy.

How Supplied: *Tablets,* pink, scored, containing 0.25 Gm levodopa (imprinted Roche 57) or 0.5 Gm levodopa (imprinted Roche 56)—bottles of 100 and 500.

Capsules, containing 0.25 Gm levodopa (pink and beige, imprinted Roche 55) or 0.5 Gm levodopa (pink, imprinted Roche 54)—bottles of 100 and 500.

ROCHE
Roche Laboratories
Division of Hoffmann-La Roche Inc.
Nutley, N.J. 07110

UNC PHARMACY GRADUATE RETURNS AFTER HOPE SERVICE IN WEST INDIES

Thomas Marion Moore, a Woodbridge pharmacist, will return home November 22 aboard the S.S. HOPE after serving in the West Indies. Mr. Moore has been involved in training programs designed to alleviate shortages of personnel in his field. The hospital ship has been in the West Indies for the past ten months on a teaching-treatment mission to upgrade health care in the islands.

Mr. Moore received his degree in pharmacy at the University of North Carolina. Before joining HOPE, he was a pharmacist with the D.C. Social Services Administration at D.C. Village in Washington, D. C.

PHARMACISTS TO HEAD NEW DRUG ABUSE INFORMATION PROGRAM

Tom Jones and Ray Johnson, members of the Onslow Pharmaceutical Association, have been named co-chairmen of a new drug-abuse program which will be presented to schoolchildren in Jacksonville and Onslow County.

The object of the presentation is to familiarize the area students with the legal pharmaceuticals that are being abused by our society today. The programs will be run solely by pharmacists.

The seminars, with the approval of the Onslow Board of Education, will be held in classrooms, and will consist of a prepared program plus a question and answer session.

Reaco

Reaco A & D Capsules
$10.00 Doz. 100s

A. E. P. Tablets **$18.75 per 1000**
$24.00 Doz. 100s

Pyridoxine HC1 (B6) 25 mg. Tablets
$1.20 per 100

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$1.80 per 100

Reavita Capsules **$24.00 Doz. 100s**
$18.75 per 1000

Your cooperation in stocking Reaco Products is appreciated

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Your Association's Collection Service is an affiliate of a national organization currently serving members of more than 300 leading trade associations throughout the nation.

Don't lose sales volume because customers owe you money and are trading somewhere else. Your Association's Collection Service will chase those debtors back into your place of business to pay YOU direct. You will get accounts OFF your ledger and IN your bank account—and you will also have many former customers back doing business with you again. For information, contact your Association office. It will pay you to do so.

On request, A representative of the I. C. System will explain the collection program in detail.

Call or write the NCPhA, Box 151, Chapel Hill, North Carolina 27514

ADAM AND EVE OPENS IN CHAPEL HILL

When the young lady stopped me on Chapel Hill's Franklin Street and inquired if I was interested in "Adam & Eve" I thought she was selling apples. But it turned out to be something quite different.

According to the young lady, Adam & Eve is America's first contraceptive and love boutique—for people who think love is here to stay. And continuing, *Adam & Eve* "will bring the new natural approach to sex-related products and services."

Customers are urged (we quote from the firm's advertising) to shop and browse through a wide collection of men's and women's contraceptive products, personal hygiene products and amorous preparations, books on love, sex, and birth control, posters, cards and sculptures, and just plain fun things and gifts.

"Let our cosmetician introduce you to Mary Quant Cosmetics—the make-up to make love in."

No mention is made of "Ginseng" but in case you are interested, it is available in Chapel Hill at $65 per pound—concentrated capsules no less.

DISTINCTIVE

Carry your store's identity by color and personalized copy right into your customers home..... for the life of the Prescription.

Another plus value of the modern paper box with its clean fresh label.

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WINSTON-SALEM PHARMACIST'S AID REQUESTED

Winston-Salem pharmacists and drug company salesmen of the Drug Club, a local professional organization, have been asked to assist the Winston-Salem Chamber of Commerce in providing a wide-ranging drug abuse program.

Dr. Donald M. Hayes, chairman of the Chamber's medical task force, carried the request to the pharmacists and salesmen during a program presented November 11.

The group said it would research the possibility of its members providing drug information to two crisis intervention centers which are part of the Chamber's proposed program. Members also expressed an interest in beefing up drug prevention operations in retail stores and hospitals that would discourage the abuse of amphetamines.

The Winston-Salem drug-abuse program, which was outlined in an October 15 report by 50 professionals who have dealt with different areas of the drug problem of drug abuse through education and treatment.

The report, together with the Chamber of Commerce's approval was given to the county Mental Health Authority, where the drug abuse program is being planned for implementation. When the Authority finishes work on the plan, it will probably be passed on to the Forsyth Health Planning Council, where funding for the entire program will be considered.

FAIRCO DRUG ACQUIRES THREE CHARLOTTE DRUG STORES

Three drug stores in the Charlotte area have been purchased by Fairco Drug, Inc. of Knoxville, Tennessee.

The three pharmacies involved in the transaction are Westerly Hills Drug, Benson Drug, and Bizzell Drug.

The sales mark Fairco's first venture into North Carolina. The firm is reportedly negotiating for additional stores in the state.

The three Charlotte stores have gross sales in excess of $1 million.

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We are proud of our long association with North Carolina druggists through The Carolina Journal of Pharmacy and its editors. *The Journal* is now in its fifty-second volume, and the first printed copy was "Seeman Printed."

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MEETS IN MORGANTON

The Burke County Pharmaceutical Society held its November dinner meeting at 7:30 P.M., November 18th at the Rainbow Inn, Morganton. Attendance was excellent. Business conducted was primarily of an organizational nature. The program was a film entitled "Visceral Organ Transplants."

The next meeting is slated for January 20th at the Rainbow Inn. The program content is not definite at this time.

PRESCRIPTION DRUG ADS

(A Re-Write from Charlotte Observer)

In a major policy declaration, the Justice Department has urged that the laws and regulations of 28 states prohibiting drug stores from advertising the prices of prescription drugs be eliminated.

The department said the advertising bans may be "adverse to the public interest" by preventing competition among druggists—thereby pushing up drug prices.

The policy statement was attached to a letter sent by Richard W. McLaren, assistant attorney general for antitrust, to a Midwestern drug store chain applauding the company's decision to post in its stores the prices of the 100 most frequently purchased prescription drugs.

The Justice Department's statement is in effect an advisory opinion without the force of law. The department has submitted its views, however, to the Council of State Governments, urging the states to eliminate "anti-competitive" laws and regulations.

McLaren told Richard G. Cline, president of Osco Drug Inc., based in Franklin Park, Ill., the government feels "many, if not most, restrictions on the advertising of prescription drug prices are unjustified on any grounds."

Osco began posting the prices of its most frequently prescribed drugs in October in its 176 pharmacies in 16 states. The company has been challenged in several states, including Illinois and South Dakota.

DRUG STORE ACQUISITION FORMULA

Chain drug store organizations, in evaluating an established pharmacy for possible purchase, request this information from the owner:

1. Location (downtown, shopping center or neighborhood)
2. Size of store
3. Lease time remaining and options
4. Annual rental
5. Annual sales
6. Annual Rx sales
7. Annual fountain sales
8. Percentage of sales that are charge and delivery
9. Approximate inventory carried
10. Approximate value of fixtures
11. Pharmacists employed

RE: METHODONE PRESCRIPTIONS

Comment by BNDD

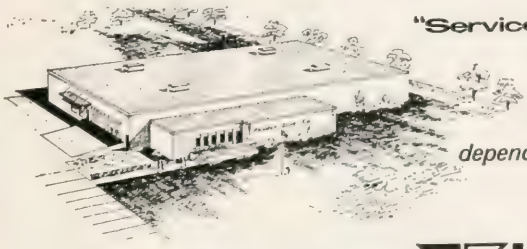
The current policy of the Bureau of Narcotics and Dangerous Drugs is that a pharmacist is not allowed to dispense Methodone on a doctor's order unless that order is a legitimate prescription. To be legitimate, a Methadone prescription must have been written for the purpose of detoxication or alleviation of pain and not for the purpose of maintaining an addict's addiction. Present labeling of Methadone specifies that detoxification or withdrawal should normally be completed within ten days or less. It is incumbent upon the practicing pharmacist to determine, before filling, whether a prescription has been written for maintenance or detoxification. This can usually be determined by the length of time the prescription will cover and the number of dosage units that will be dispensed. It is also the responsibility of the pharmacist to refuse to fill continuing prescriptions for Methadone as soon as it becomes apparent that the customer is obtaining the Methadone for maintenance or if the customer is obtaining the Methadone for maintenance or if the customer is obtaining prescriptions from more than one physician.

It is incumbent upon the prescribing physician to assure himself that his patient is an addict and that the prescribed Methadone will be used as directed pointing toward complete detoxification or withdrawal within the approved time span. The prescribing physician should also assure himself that his patient is not presently obtaining Methadone from any other source and that he is actually abstaining from the use of any other controlled substance.

LATE NEWS FROM VIRGIN ISLANDS

Luther Bunch, formerly of Goldsboro, has been living in the Virgin Islands for several years. Latest news from him tells us that he has resigned from Apothecary Hall and is now with the Virgin Island Government as a pharmacist in the Knud-Hansen Memorial Hospital in St. Thomas. There he fills prescriptions for free clinic and in-patients.

Luther reports that he and his wife have hopes of returning to North Carolina for the 1972 NCPhA Convention to be held in Wilmington.



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DOINGS

OF THE AUXILIARIES

- **Student Pharmacy Wives**
- **Charlotte—Mildred S. Wolfe**
- **Winston-Salem—Mrs. A. L. Moir**

STUDENT PHARMACY WIVES

On October 18, Student Pharmacy Wives met at the lovely home of Dr. and Mrs. Robert Senior on Lakeshore Drive. During a tour of the house, Mrs. Senior told interesting stories of articles in the home.

Crafts from the Country Craft Shop were demonstrated by Pauline Kopec at the November meeting of Student Pharmacy Wives. She explained how easy it is to make Christmas decorations, such as kissing balls, tree decorations and wreaths of natural materials.

Macrame, which is the art of knot tying can be used to create belts, hand bags and various wall hangings. After an exhibit of several macrame articles, Pauline Kopec than demonstrated three knots. She suggested *Step by Step Macrame* by Golden Press for those who wished to teach themselves.

Weaving, using several different looms, was also demonstrated. Hand bags, belts, and scarves can all be made using many materials, textures, colors and your imagination. The Country Craft Shop also teaches dying using flowers and other plants to get colors of yarn not sold in stores.

The next meeting will be December 5, a Christmas open house, at the W. J. Smiths home.

CHARLOTTE

The Charlotte Woman's Auxiliary of the N. C. Pharmaceutical Association met at the home of Mrs. Roy M. Moss for the November meeting.

During the business session, the Auxiliary presented one of the Past Presidents, Mrs. Tobie K. Steele, an Honorary Life Membership Plaque.

A workshop was held for the Spring Bridge Party which will be for the benefit of the Scholarship Fund.

WINSTON-SALEM

Fourteen members of the Winston-Salem Apothecary Club met at the home of Mrs. Don Chapman for their November meeting.

Mrs. Thomas C. Clark, President, held a brief business session in which she set up a work schedule for the Bazaar, December 6 at St. Timothy's Episcopal Church.

Plans were made for the December meeting which is to be a dinner-theater party. Members spent the remainder of the morning working on Bazaar items.

UNC PHARMACY SCHOOL NOTES

INDUSTRY-HOSPITAL PLAN AT UNC

Hospital representatives of the Burroughs Wellcome Co. are "getting the feel" of hospital routine through cooperative training with the North Carolina Memorial Hospital and the University of North Carolina School of Pharmacy.

The one-week program provides hospital representatives with the opportunity to learn first-hand the integrated position and operation of a fastpaced hospital. Included are meetings and seminars with other hospital disciplines and actual "OJT" in various sections of the hospital. They work in nursing units, operating rooms and outpatient clinics. Training is also given in hospital pharmacy routines and includes rounds of patient areas with clinical pharmacists.

Fred M. Eckel, Director of Memorial Hospital's Pharmacy Services and Assistant Professor of Hospital Pharmacy at the UNC School of Pharmacy, describes this innovation as an opportunity for hospital representatives to see the hospital from the "inside." "We feel it is important," Eckel said, "for those calling on hospital pharmacists to have an understanding of their inter-relationships and routines. N. C. Memorial Hospital is an active operation that can give these people a real insight into what happens in a hospital."

Mr. Eckel plans to have three groups of five Burroughs Wellcome hospital representatives each year for this specialized cooperative training.

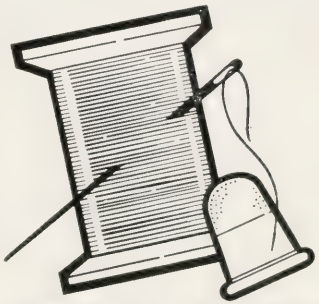
HAGER TOURS FOREIGN HOSPITALS

Dr. George P. Hager, dean of the UNC School of Pharmacy, has taken a three-week tour of U. S. Air Force hospitals in three European countries and visited the University of Teheran, Iran, during the month of November.

Dr. Hager, a National Civilian Consultant in Pharmacy for the U. S. Air Force for the past three years, combined a visit to the USAF Hospital in Teheran with a two-week visit with the University to help reform its pharmaceutical education.

University of Teheran vice chancellor for research and graduate studies Ch. M. H. Mofidi invited Hager to visit the University after some consultation via mail, "At that stage," he said, "we felt that consultation in person with Dean Hager was essential . . ."

After the visit to Iran, Dr. Hager flew to Frankfurt, Germany, to visit the USAF Hospital in Wiesbaden. He then moved to visit Madrid, Spain, and the USAF Hospital in Torrejon.



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MARRIAGES

David Charles Stuhr, former resident of Winston-Salem, and *Ann Amelia Summey*, formerly of Gastonia, were married October 24 in Price of Peace Lutheran Church of Denver, Colorado. Both Mr. and Mrs. Stuhr are graduates of the UNC School of Pharmacy. He is with St. Luke's Hospital and she with General Rose Memorial Hospital, of Denver.

BIRTHS

Mr. and Mrs. Morris Hedgepeth announce the birth of a daughter, Heather Rose, on October 16. Mr. Hedgepeth, alumnus of the UNC School of Pharmacy, operates Southside Drug Company of Henderson. Mrs. Hedgepeth, Corresponding Secretary of the Woman's Auxiliary, was before her marriage a staff member of the NCPhA. The Hedgepeths also have a son, 3½ years of age.

DEATHS

Charles David Bell

Charles David Bell, 32, Winston-Salem pharmacist, died November 3.

A graduate of the UNC School of Pharmacy (1962), Mr. Bell was associated with the Veterans Administration as a pharmacist at the time of his death.

Survivors include his wife; a daughter, a son, and his father.

Henry E. Williams

Henry E. Williams, 72, died in Wilson Memorial Hospital, October 26.

For many years Mr. Williams operated the Fairview Pharmacy in Wilson. He was a native of Columbus County and prior to moving to Wilson, operated a drug store in Cerro Gordo.

Among the survivors is a son, Pharmacist William Thurston Williams of Thomasville.

C. M. Dennis

C. M. Dennis, Shelby pharmacist, died October 25.

Richard Cover

Richard Edwin Cover, born October 15, 1919, died October 26, 1971.

A native of Grove City, Pa. and a graduate of the University of Pittsburgh, Mr. Cover came to North Carolina in 1966 and has been employed as a pharmacist by Eckerd Drugs of Charlotte.

W. B. Tyson

Wendell Brown Tyson of Rocky Mount died October 23 following a period of declining health.

Following military service, Mr. Tyson was a MSR in the Hickory area for Sharpe & Dohme. He returned to Rocky Mount as owner/ manager of the Standard Pharmacy and later (1964) opened Tyson's Drug Center in Rocky Mount.

PUNGO RIVER PHARMACY OPENS IN BELHAVEN

A new drug store, the Pungo River Pharmacy, opened for business in Belhaven November 1. Mr. James E. Ellis will serve as pharmacist and manager.

Mr. Ellis is associated with M. Keith Fearing, Jr., of Manteo, a well-known pharmacist, businessman and a former member of the N.C. State Legislature.

A native of Cincinnati, Ohio, Mr. Ellis attended the University of Cincinnati and was associated with a number of firms in Ohio and other midwestern states prior to moving to North Carolina five years ago.

He worked as a pharmacist in Pink Hill for a year before entering the Methodist ministry, being ordained a deacon in 1967.

In that year he moved to Beaufort County and served as pastor of three churches for a little more than four years, doing pharmacy relief work with a number of drug stores in the area.

"We love this area so much that my family wanted to buy a home and move to Belhaven," Ellis said. "It was for that reason that Mr. Fearing and I made arrangements to open a drug store here in Belhaven. We look forward to being here."

The new pharmacy will be located on East Main Street.

COLLECTION OF MEDICAL ILLUSTRATIONS DONATED TO UNIVERSITY'S SCHOOL OF PHARMACY

LeRoy Werley (third from left), Assistant Dean of the School of Pharmacy, University of North Carolina, is presented a complete set of the widely acclaimed CIBA Collection of Medical Illustrations from the CIBA Pharmaceutical Company, Summit, New Jersey. Participating in the presentation are (from left to right) Robert G. Wilson III, CIBA hospital sales representative, E. G. Barton, Southern division manager for CIBA, and Carey Gaynor (far right), UNC School of Pharmacy student. The five-volume seven book series frequently referred to as the "Netter Atlases" is illustrated by Dr. Frank H. Netter, the eminent physician-artist, who has been associated with CIBA for more than 25 years. The entire series is being given to pharmacy schools and colleges as part of a CIBA cooperative educational program aimed at furthering professional training programs for pharmacists.

THE HENRY B. GILPIN COMPANY SPLITS STOCK, ENLARGES CAPITAL AND ANNOUNCES NEW TOP MANAGEMENT ORGANIZATION

James E. Allen, Chairman and President of The Henry B. Gilpin Company, has announced the following top management appointments.

William H. Whittlesey has been appointed Executive Vice President and Chief Operating Officer of the company. Over the last 14 years Mr. Whittlesey has served the company as manager of two operating divisions and as Chief Financial Officer. In this new position he will assume responsibility for all operations of the company.

Rutherford B. Duncan, Jr. has been appointed Vice President, Planning and Development. Mr. Duncan has over 40 years experience in all facets of the company's business. In this new position he will assist Mr. Allen in overall corporate planning and in evaluation of changes in the company's business.

Mrs. Mary E. Swink has been appointed Vice President and Secretary. Mrs. Swink has served the company for 15 years in the coordination of overall administrative policy.

W. Luther Skinner has been appointed Vice President, Operations. Mr. Skinner has more than 30 years experience in the management and direction of the company's wholesale drug operations. Mr. Skinner will direct overall distribution activities for Gilpin's several divisions and subsidiaries.

David G. Hecht has been appointed Vice President, Finance and Treasurer. Mr. Hecht has had extensive experience in financial management with Johnson & Johnson and Strasenburgh Laboratories. During the last year he has been Corporate Controller.

RECAPITALIZATION

Shareholders approved the following changes designed to modernize the capital structure consistent with the company's long term expansion plans:

- . . . 2,500,000 shares of New Common Stock authorized
- . . . Each share of the outstanding Class A, Common Stock will be reclassified into two shares of a newly authorized Common Stock
- . . . Each share of the New Common Stock to be outstanding immediately after the reclassification will be split into three shares of the stock
- . . . As the result of the reclassification of securities and stock split, each share of Class A, Common Stock will be exchanged for six shares of the New Common Stock
- . . . In addition, each share of the present Common Stock (controlled by management) will be reclassified into one share of a newly authorized Class B, Common Stock and split 3 for 1

The Henry B. Gilpin Company, founded in 1845 with headquarters in Washington, D. C., is a large drug wholesaler with operations in surgical supply, point-of-purchase merchandising, and retail drugstore franchising. Mr. Allen stated that these changes are the first steps in the company's overall plan to reshape operations to meet the changing environment in the distribution of health care products.

PHARMACIST HURT IN AUTO ACCIDENT

A Wadesboro pharmacist, Lamb Boykin Britton, Jr., a native of Chesterfield, S. C., was critically injured in an automobile accident Oct. 20 as he was taking his seven-year-old son to school.

Britton, an employee at Fox & Lyon Drug Store, apparently lost control of the Volkswagen he was driving because of wet pavement.

Investigating Wadesboro police officer Boyce Adcock said both Britton and his son were thrown from the foreign car when it went out of control, skidded 196 feet, hit the curb, turned over three times and then hit a pine tree.

The automobile was a total loss.

The father and son were rushed to Anson County Hospital by ambulance, but were later transferred to Charlotte Memorial Hospital.

Adcock said Ken Britton was up and walking around but that he was hurt. The officer said he did not know the extent of the youngster's injuries.

Both Britton, who is 33, and his wife are employed at Fox & Lyon.

DRUG THERAPY PROBLEMS

Handling the Drug-Interaction Problem!

By J. Heyward Hull*

Drug therapy is a major tool of the physician in influencing the course of disease. It is also the source of a new problem, however, the "iatrogenic" or drug-induced disease. It is estimated that at the present time 3 to 5 percent of all admissions to hospitals are primarily for a drug related problem.[1,2] As the number and potency of new drugs increases, a corresponding increase in the number of drug related problems can be expected. Also contributing to this problem is the decline in the number of primary care ("family") physicians who are aware of a patient's total drug usage.

The pharmacist is the professional whose primary responsibility is drug use control. He is in a position to aid the physician in providing the safest and most effective total drug regimen for the patient. In order to do this effectively, however, the pharmacist must develop or improve his ability to discriminate good from bad information published in the literature. The following serves to illustrate the complexity of this problem.

Schor and Karten[3] reviewed the scientific papers in randomly selected issues of ten frequently read medical journals. With the only requirement being that the conclusions drawn be "valid in terms of design of the experiment, the type of analysis performed and the applicability of the statistical tests used or not used," only 41 (28%) of 149 selected studies reported in these journals were acceptable.

Another potential problem source is the drug interaction reference. A number of books and tables have been published which list these interactions. Many of these tables, however, are not referenced and many list interactions which were observed only in animals. Challenging a patient's therapy based solely upon information from these tables without knowing the circumstances around which the interaction occurred can only serve to embarrass the pharmacist and leave the unimpressed physician with knowledge of very little use.

In order to provide some guidelines in handling an "interaction," the following list of questions the pharmacist should be able to answer have been developed. While the list is probably not complete, it is hoped that it will be useful to pharmacists faced with approaching the physician about drug interactions and other drug therapy problems.

I. *Evaluating the Interaction:*
   - A. What type of interaction is involved (e.g., drug-drug, drug-lab value, etc.)?
   - B. Do you understand the mechanism of action (e.g., displacement of drug from protein binding site)?
   - C. Do you understand the physiology of the affected organ?

II. *Reference Sources of the Interaction:*
   - A. Is the data from animal studies or humans?
   - B. Has it occurred in significant numbers?
   - C. Was the study well controlled (e.g., patients in the study may have been taking other drugs which could have caused the interaction)?

III. *Effect of the Interaction on the Patient:*
   - A. Will it significantly affect the patient's condition?
   - B. Is the patient doing well despite the "interaction"?
   - C. Is the patient still taking the "offending" medication?
     1. Has the drug been ordered on a PRN basis?
     2. Has the drug been discontinued?
   - D. Are the symptoms of the interaction also consistent with symptoms of the patient's condition?
   - E. Have you considered other data on the patient (e.g., fluid restriction, special diet, etc.)?

IV. *How to Approach the Physician:*
   - A. Is your approach technique appropriate for the particular situation?
   - B. Can you document the interaction?

(Concluded on Page 32)

* Instructor in Clinical Pharmacy, School of Pharmacy, and Clinical Pharmacy Specialist, Department of Pharmacy Services, N. C. Memorial Hospital, University of North Carolina, Chapel Hill, North Carolina.

"When did you first have this urge to give things away?"

C. Do you have a suggestion for change of therapy?

D. Are your comments diplomatically and tactfully presented?

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[2] Hurwitz, N.: Admissions to hospital due to drugs. *Br. Med. J.* 1:539-540, 1969.

[3] Schor, S., and Karten, I.: Statistical Evaluation of Medical Journal Manuscripts, *J. Am. Med. Assoc.* 195, 1123-1128 (Mar. 28) 1966.

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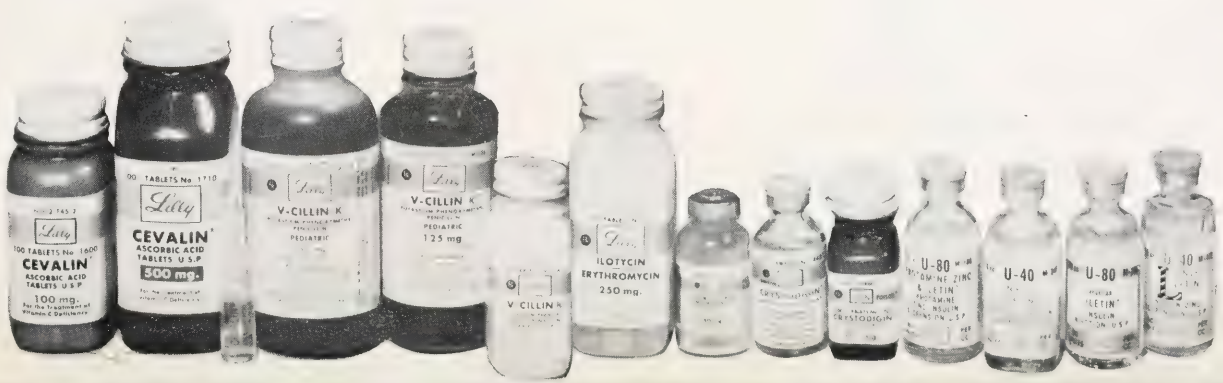
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